



UVEXTREME® ANTI-FOG DUAL-ACTION COATING

Uvextreme® AF, the anti-fog coating that performs even under most extreme conditions. From cold and dry to hot and humid, Uvextreme® AF minimizes lens fogging in almost any environment. Uvextreme® AF's dual action combines the best features of both hydrophilic and hydrophobic coatings (see sidebar below). The hydrophilic properties are activated first, simultaneously absorbing moisture from the air and releasing it back into the surrounding environment, maintaining a hydrodynamic equilibrium (HDE). When the hydrophilic coating becomes saturated, the properties of the hydrophobic coating take over to provide optimum anti-fog performance and to help maintain visual acuity. This permanently bonded, dual-action anti-fog coating retains all the anti-static, anti-scratch and anti-UV properties.



ANTI-FOG

- Permanently bonded hydrophilic coating simultaneously absorbs and emits moisture to maintain hydrodynamic equilibrium
- Resists fogging and improves vision, ideal for many hot and humid environments



ANTI-STATIC

- Reduces dust and particle attraction; most lens scratching occurs when these fine particles rub the lens during cleaning
- Improves vision
- Extends lens life



ANTI-SCRATCH

- Improves vision in abrasive environment
- Extends lens life



ANTI-UV

- Absorbs more than 99.9% of harmful ultraviolet radiation
- Clear lenses to 385 nm
- Tinted lenses to 400 nm

ULTRA-DURA® SCRATCH RESISTANT COATING One of the toughest siloxane-based coatings.



ANTI-SCRATCH

- Permanently bonded to the lens
- Very durable
- Extends lens life
- Excellent optical quality
- Resistant to a wide range of chemicals



ANTI-UV

- Absorbs more than 99.9% of harmful ultraviolet radiation

UVEX® LENS SELECTION CHART



| Lens Tint* | VLT ¹ | Application |
|--------------------|------------------|---|
| Clear** | 90% | For indoor applications where impact protection is required. Absorbs >99.9% of UV radiation up to 385 nm. |
| Amber** | 90% | For low light applications in which contrast may be enhanced. Absorbs >99.9% of UV radiation up to 400 nm. |
| Light Grey** | 35% | Commonly used outdoors for glare reduction. Easy for the eyes to adjust from inside to outside for workers. Absorbs >99.9% of UV radiation up to 400 nm. Meets colour traffic signal recognition requirements of ANSI Z80.3. |
| Standard Grey** | 15% | For outdoor applications where sunlight and glare cause eye strain and fatigue. Absorbs >99.9% of UV radiation up to 400 nm. Meets colour traffic signal recognition requirements of ANSI Z80.3. |
| Mirror** | 15% | For outdoor applications where sunlight and glare cause eye strain and fatigue. Absorbs >99.9% of UV radiation up to 400 nm. Meets colour traffic signal recognition requirements of ANSI Z80.3. |
| SCT-Low IR** | 80% | For indoor applications where peripheral infrared radiation protection is required, such as under welding helmets or walking through welding sites. Also reduces glare from fluorescent and halogen lighting. Absorbs >99.9% of UV radiation up to 400 nm; blocks 40% of harmful IR radiation. |
| SCT-Vermilion** | 55% | For indoor applications such as inspection where contrast may be enhanced. Also reduces glare from fluorescent and halogen lighting. Absorbs >99.9% of UV radiation up to 400 nm. |
| SCT-Grey** | 15% | Excellent for outdoor applications. Provides true colour recognition and low level infrared protection to help keep the eye cooler and reduce eye strain. Designed to protect against short-term electric arc. Absorbs >99.9% of UV radiation up to 400 nm; blocks 85% of harmful IR radiation. Meets colour traffic signal recognition requirements of ANSI Z80.3. |
| SCT-Cobalt** | 0.2% | For high-heat applications such as furnaces. Reduces the glare of metal or glass blowing and provides infrared radiation protection. Absorbs >99.9% of UV radiation up to 400 nm; blocks 45% of harmful IR radiation. |
| Infra-dura® 2.0*** | 35% | Shade 2.0 welding lens. For use around the welding site or for brazing and cutting. |
| Infra-dura® 3.0*** | 14% | Shade 3.0 welding lens. For use around the welding site or for brazing and cutting. |
| Infra-dura® 5.0*** | 2% | Shade 5.0 welding lens. For use around the welding site or for brazing and cutting. |

SCT = Spectrum Control Technology

VLT¹ = Visual Light Transmission

* SCT and Infra-dura® polycarbonate lenses are more impact-resistant than tinted glass lenses but are NOT as impact-resistant as clear polycarbonate lenses.

** Not for welding, cutting or brazing. Do not use for protection against laser light.

*** Consult the filter shade table in ANSI Z87.1-1989 for selection of the proper welding lens for specific applications.



Eyewear

Uvex Astrospec 3000®

- Lightweight unilens offers panoramic vision
- Easy and economical lens replacement system
- Adjustable lens inclination and temple length
- Moulded side shields
- Meets ANSI Z87+ and CSA Z94.3 standards
- Lifetime frame guarantee



UVEXTREME® AF

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
|-----------|----------|-----------|

BLACK FRAME

| | | |
|--------|--------|---------------|
| SE622 | S1359C | Clear |
| SE623* | S136C | Grey |
| SE624* | S1362C | SCT-Vermilion |

PATRIOT FRAME

| | | |
|-------|--------|-------|
| SE625 | S1169C | Clear |
| SE626 | S1179C | Grey |

ULTRA-DURA® HARDCOAT

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
|-----------|----------|-----------|

BLACK FRAME

| | | |
|--------|---------|-----------------|
| SE633 | S1359 | Clear |
| SE634 | S1369 | Grey |
| SE635* | S1360 | Light Grey |
| SE636* | S145 | Amber |
| SE637 | S1379 | Mirror |
| SE638* | S112 | SCT- Low IR |
| SE639* | S1361 | SCT-Grey |
| SE641 | S111029 | Infra-dura® 2.0 |
| SE642* | S1111 | Infra-dura® 3.0 |
| SE643* | S1112 | Infra-dura® 5.0 |

PATRIOT FRAME

| | | |
|-------|-------|-------|
| SE644 | S1169 | Clear |
| SE645 | S1179 | Grey |

* Does not feature Duoflex® temples.



REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
|-----------|----------|-----------|

UVEXTREME® AF

| | | |
|-------|-------|---------------|
| SE404 | S535C | Clear |
| SE650 | S536C | Grey |
| SE651 | S539C | SCT-Vermilion |

ULTRA-DURA® HARDCOAT

| | | |
|-------|-------|-----------------|
| SE652 | S535 | Clear |
| SE653 | S536 | Grey |
| SE655 | S537 | Amber |
| SE656 | S538 | Mirror |
| SE657 | S540 | SCT-Low IR |
| SE658 | S541 | SCT-Grey |
| SE660 | S5412 | Infra-dura® 2.0 |
| SE661 | S542 | Infra-dura® 3.0 |
| SE662 | S543 | Infra-dura® 5.0 |

ASTROSPEC 3000® S CB

(SLIM CUSTOM BRIDGE)

- Same adjustability features as the *Astrospec 3000*®
- Designed to fit low profile nasal areas and 10 mm smaller for employees with slender facial profiles
- Lifetime frame guarantee
- Meets ANSI Z87+ standard



ULTRA-DURA® HARDCOAT

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SE695 | S2212 | Clear |

ASTROSPEC 3000® S (SLIM)

- Same features and benefits as the *Astrospec 3000*®
- 10 mm smaller for employees with slender facial profiles
- Meets ANSI Z87+ and CSA Z94.3 standards
- Lifetime frame guarantee



| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
|-----------|----------|-----------|

UVEXTREME® AF

| | | |
|-------|--------|-------|
| SE663 | S2700C | Clear |
| SE664 | S2701C | Grey |

ULTRA-DURA® HARDCOAT

| | | |
|-------|-------|-----------------|
| SE666 | S2700 | Clear |
| SE667 | S2701 | Grey |
| SE673 | S2709 | Infra-dura® 5.0 |

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
|-----------|----------|-----------|

REPLACEMENT LENSES

UVEXTREME® AF

| | | |
|-------|-------|-------|
| SE674 | S570C | Clear |
| SE675 | S571C | Grey |

ULTRA-DURA® HARDCOAT

| | | |
|-------|-------|------------|
| SE677 | S570 | Clear |
| SE678 | S571 | Grey |
| SE681 | S5721 | SCT-Low IR |

PIVOT™

- Advanced, two-tone sport-style multi-material frame with textured detail
- Wrap-around 8-base lens design offers exceptional coverage and the patented *Multi-Material Technology*® provides soft, cushioned comfort
- Features include ratcheting temple angle adjustment, ventilation channels to minimize fogging and elastomer nasal pads to minimize slippage
- Available in black-and-silver frame in either *Ultra-dura*® hard coat or *Uvextreme*® anti-fog lens coatings
- Also available in premium blue ice and orange multi-layered mirror lenses to deflect sunlight and glare or SCT-Reflect 50 light mirror coating for varying light conditions
- Passes ANSI Z87+ and CSA Z94.3 standards



REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
|-----------|----------|-----------|

ULTRA-DURA® HARDCOAT

| | | |
|--------|-------|-----------------|
| SAN278 | S2140 | Clear |
| SAN279 | S2141 | Grey |
| SAN280 | S2143 | Blue Ice Mirror |
| SAN281 | S2144 | Orange Mirror |
| SAN282 | S2145 | SCT-Reflect 50 |

UVEXTREME® AF

| | | |
|--------|--------|-------|
| SAN283 | S2140X | Clear |
| SAN284 | S2141X | Grey |
| SAN285 | S2142X | Amber |

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
|-----------|----------|-----------|

ULTRA-DURA® HARDCOAT

| | | |
|--------|-------|-----------------|
| SAN286 | S6010 | Clear |
| SAN287 | S6011 | Grey |
| SAN288 | S6013 | Blue Ice Mirror |
| SAN289 | S6014 | Orange Mirror |

UVEXTREME® AF

| | | |
|--------|--------|-------|
| SAN290 | S6010X | Clear |
| SAN291 | S6011X | Grey |
| SAN292 | S6012X | Amber |



U2® PROTECTIVE SPECTACLE

- Sporty wraparound design
- Adjustable temple length
- Easy lens replacement system
- Meets ANSI Z87+ and CSA Z94.3 standards
- Lifetime frame guarantee



| Order No. | Mfg. No. | Lens Tint |
|---------------------------|----------|------------------------|
| BLACK FRAME | | |
| SN214 | S3100 | Clear Ultra-dura® |
| SN215 | S3100X | Clear Uvextreme® AF |
| SN216 | S3101 | Espresso Ultra-dura® |
| SN217 | S3101X | Espresso Uvextreme® AF |
| SN218 | S3102 | Amber Ultra-dura® |
| REPLACEMENT LENSES | | |
| SN238 | S6150 | Clear Ultra-dura® |
| SN239 | S6150X | Clear Uvextreme® AF |
| SN240 | S6151 | Espresso Ultra-dura® |
| SN241 | S6151X | Espresso Uvextreme® AF |
| SN242 | S6152 | Amber Ultra-dura® |

ULTRASPEC®

ULTRASPEC® 1000

- Ideal visitor spec
- Uncoated 100% polycarbonate wraparound unilens design with solid side shields
- Meets ANSI Z87+ and CSA Z94.3 standards



ULTRASPEC® 2000

- Coated 100% polycarbonate wraparound unilens design
- Adjustable temple length
- Meets ANSI Z87+ and CSA Z94.3 standards



GENESIS®

- Lightweight, extremely resilient external polycarbonate frame
- Soft elastomer internal frame
- Interchangeable dual 9 base wraparound lens
- Vents the eye socket area
- Soft brow bumper provides comfortable fingers that adjust and wrap around almost any nasal profile
- Ratchet lens inclination adjustment
- Meets all ANSI and CSA standards
- Passed military V. ballistic (standard MIL-STD-662) test regiment



| Order No. | Mfg. No. | Lens Tint |
|---------------------------|----------|------------------------|
| BLACK FRAME | | |
| SN209 | S3200 | Clear Ultra-dura® |
| SN210 | S3200X | Clear Uvextreme® AF |
| SN211 | S3201 | Espresso Ultra-dura® |
| SN212 | S3201X | Espresso Uvextreme® AF |
| SN213 | S3202 | Amber Ultra-dura® |
| SAK427 | S3207 | Infra-dura® 3.0 |
| SAK428 | S3208 | Infra-dura® 5.0 |
| VAPOUR BLUE | | |
| SN219 | S3240 | Clear Ultra-dura® |
| SN220 | S3240X | Clear Uvextreme® AF |
| SN221 | S3241 | Espresso Ultra-dura® |
| SN222 | S3241X | Espresso Uvextreme® AF |
| SN223 | S3242 | Amber Ultra-dura® |
| REPLACEMENT LENSES | | |
| SN243 | S6900 | Clear Ultra-dura® |
| SN244 | S6900X | Clear Uvextreme® AF |
| SN245 | S6901 | Espresso Ultra-dura® |
| SN246 | S6901X | Espresso Uvextreme® AF |
| SN247 | S6902 | Amber Ultra-dura® |

Astro OTG® 3001

- Same features as the Astrospec 3000® with attractive OTG (over-the-glass) styling
- An economical alternative to expensive Rx eyewear
- Meets ANSI Z87+ and CSA Z94.3 standards
- Lifetime frame guarantee



| Black Order No. | Mfg. No. | Blue Order No. | Mfg. No. | Lens Tint |
|---|----------|----------------|----------|-----------|
| ULTRASPEC® 1000 UNCOATED | | | | |
| SAG310 | S300CS | | | Clear |
| ULTRASPEC® 2000 UVEXTREME® AF | | | | |
| SE614 | S0250X | SE702 | S2510C | Clear |
| SE615 | S0280X | SE703 | S2514C | Grey |
| SE616 | S0290X | | | |
| ULTRASPEC® 2000 ULTRA-DURA® HARDCOAT | | | | |
| SE617 | S0300 | SE706 | S2510 | Clear |
| SE618 | S0330 | SE707 | S2514 | Grey |
| SE619 | S0340 | | | |
| REPLACEMENT LENSES | | | | |
| UVEXTREME® AF | | | | |
| SE708 | S561 | | | Clear |
| SE709 | S562C | | | Grey |
| ULTRA-DURA® HARDCOAT | | | | |
| SE710 | S560 | | | Clear |
| SE711 | S562 | | | Grey |



Eyewear

FLASHBACK®

- Classic dual lens look in a single lens design
- Easy and economical lens replacement
- Excellent peripheral protection
- Adjustable *Duoflex*® cushioned temple length and lens inclination
- Meets ANSI Z87+ and CSA Z94.3 standards



uvex

| Order No. | Mfg. No. | Lens Tint |
|-----------------------------|----------|-------------------------|
| UVEXTREME® AF | | |
| SE714 | S400C | Clear |
| SE715 | S4001C | Grey |
| ULTRA-DURA® HARDCOAT | | |
| SE717 | S4000 | Clear |
| SE718 | S4001 | Grey |
| SE721 | S4004 | <i>Infra-dura</i> ® 2.0 |
| SE722 | S4005 | <i>Infra-dura</i> ® 3.0 |
| SE723 | S4006 | <i>Infra-dura</i> ® 5.0 |

| Order No. | Mfg. No. | Lens Tint |
|-----------------------------|----------|-------------------------|
| REPLACEMENT LENSES | | |
| UVEXTREME® AF | | |
| SE727 | S6410C | Clear |
| SE728 | S6411C | Grey |
| ULTRA-DURA® HARDCOAT | | |
| SE729 | S6410 | Clear |
| SE730 | S6411 | Grey |
| SE733 | S6413 | <i>Infra-dura</i> ® 2.0 |
| SE734 | S6414 | <i>Infra-dura</i> ® 3.0 |
| SE735 | S6415 | <i>Infra-dura</i> ® 5.0 |

SKYPER®

- Simple lens replacement system
- Adjustable temple length and lens inclination
- Meets ANSI Z87+ and CSA Z94.3 standards
- Lifetime frame guarantee



uvex

| Order No. | Mfg. No. | Lens Tint |
|-----------------------------|----------|-------------------------|
| REPLACEMENT LENSES | | |
| UVEXTREME® AF | | |
| SH014 | S1900X | Clear |
| ULTRA-DURA® HARDCOAT | | |
| SH015 | S1900 | Clear |
| SH016 | S1902 | Amber |
| SH017 | S1903 | Mirror |
| SH018 | S1906 | <i>Infra-dura</i> ® 2.0 |
| SH019 | S1907 | <i>Infra-dura</i> ® 3.0 |
| SH020 | S1908 | <i>Infra-dura</i> ® 5.0 |

| Order No. | Mfg. No. | Lens Tint |
|-----------------------------|----------|-------------------------|
| REPLACEMENT LENSES | | |
| UVEXTREME® AF | | |
| SH021 | S6500X | Clear |
| ULTRA-DURA® HARDCOAT | | |
| SH022 | S6500 | Clear |
| SH023 | S6502 | Amber |
| SH024 | S6503 | Mirror |
| SH025 | S6506 | <i>Infra-dura</i> ® 2.0 |
| SH026 | S6507 | <i>Infra-dura</i> ® 3.0 |
| SH027 | S6508 | <i>Infra-dura</i> ® 5.0 |

FLASHLITE®

- Economical frameless version of the *Flashback*®
- Replacement lenses not available
- Available in stylish black temples with clear lens
- Meets ANSI Z87+ and CSA Z94.3 standards



uvex

Order No. SE736
Mfg. No. S4300C

SPITFIRE®

NO DISTRACTIONS, NO DISTORTIONS, NO EXCUSES

The *Spitfire*® is the frameless eyewear with a patented dual nine base wraparound unilens design offering exceptional optical clarity without any distracting lines or bends. Provides superior peripheral protection from side impact. Features moulded-in nose bridge, flexible adjustments for temple length and lens inclination. Lightweight, sporty looking contemporary style ensures a comfortable and custom fit all day long. Available in stylish temple accent colour black. Lens tint options include clear, amber or espresso with choice of *Uvextreme*® AF anti-fog or *Ultra-dura*® hardcoat. Impact-resistant polycarbonate lenses block up to 99.9% of harmful UV radiation. Easy and economical lens replacement allows workers to exchange lens tints to accommodate changes in lighting or work applications. Meets ANSI and CSA standards.

uvex



| Order No. | Mfg. No. | Lens Tint |
|-----------------------------|----------|-----------|
| REPLACEMENT LENSES | | |
| UVEXTREME® AF | | |
| SG255 | S1800X | Clear |
| SG256 | S1801X | Espresso |
| ULTRA-DURA® HARDCOAT | | |
| SG261 | S1800 | Clear |
| SG262 | S1801 | Espresso |
| SG263 | S1802 | Amber |

| Order No. | Mfg. No. | Lens Tint |
|-----------------------------|----------|-----------|
| REPLACEMENT LENSES | | |
| UVEXTREME® AF | | |
| SG268 | S6200X | Clear |
| SG269 | S6201X | Espresso |
| ULTRA-DURA® HARDCOAT | | |
| SG270 | S6200 | Clear |
| SG271 | S6201 | Espresso |

PROTÉGÉ™

- Proprietary *Floating Lens*™ design offers increased flexibility for better fit
- Secure wraparound brow expands to fit a wide range of users
- Ultra lightweight design
- Soft temple tip pads provide a secure, comfortable fit
- Soft, clear nose pads prevent slipping
- Complies with ANSI Z87+ standard
- Lifetime frame guarantee



uvex

| Order No. | Mfg. No. | Frame Colour | Lens Tint |
|-----------------------------|----------|--------------|-----------------|
| REPLACEMENT LENSES | | | |
| UVEXTREME® AF | | | |
| SAO665 | S4200X | Black | Clear |
| SAO666 | S4201X | Black | Grey |
| SAO667 | S4210X | Sandstone | Clear |
| SAO668 | S4211X | Sandstone | Grey |
| ULTRA-DURA® HARDCOAT | | | |
| SAO659 | S4200 | Black | Clear |
| SAO660 | S4201 | Black | Grey |
| SAO661 | S4202 | Black | SCT-Reflect® 50 |
| SAO662 | S4210 | Sandstone | Clear |
| SAO663 | S4211 | Sandstone | Grey |
| SAO664 | S4212 | Sandstone | SCT-Reflect® 50 |



XC™

- Extended wraparound lens for extra cheek and extra side coverage (up to 20% more)
- Soft, flexible nose fingers conform to fit a variety of nasal profiles
- Adjustable two shot temple for custom fit
- Available with cushioned temples for all-day comfort
- Optional Rx lens insert holds Rx lenses firmly in place
- Passes ANSI Z87+ and CSA Z94.3 standards



ULTRA-DURA® HARDCOAT

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------------|
| SAK138 | S3300 | Clear |
| SAK139 | S3301 | Grey |
| SAK403 | S3308 | Mirror |
| SAK405 | S3306 | Infra-dura® 3.0 |
| SAK406 | S3307 | Infra-dura® 5.0 |

REPLACEMENT LENSES

| | | |
|--------|-------|-----------------|
| SAK411 | S6950 | Clear |
| SAK412 | S6951 | Grey |
| SAK413 | S6958 | Mirror |
| SAK415 | S6956 | Infra-dura® 3.0 |
| SAK416 | S6957 | Infra-dura® 5.0 |

UVEXTREME® AF

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|------------|
| SAK093 | S3300X | Clear |
| SAK407 | S3301X | Grey |
| SAK408 | S3303X | SCT-Grey |
| SAK409 | S3304X | SCT-Low IR |

REPLACEMENT LENSES

| | | |
|--------|--------|------------|
| SAK417 | S6950X | Clear |
| SAK418 | S6951X | Grey |
| SAK419 | S6953X | SCT-Grey |
| SAK420 | S6954X | SCT-Low IR |



RX INSERT

- Optional Rx insert for XC™ eyewear
- Holds prescription lenses securely
- Accommodates a variety of Rx needs including bifocals, trifocal and progressive lenses
- Classic screw closure easily fits, with prescription ranging from +3.0 to -3.0D



Order No. **SAK410**
Mfg. No. S3350

FITLOGIC™

Revolutionary frame design adjusts to fit any face comfortably

- Flexible, expandable, durable, lightweight and comfortable for all day wear
- *Multi-Material Technology*® positions cushioned comfort at all points of contact
- In-mould assembly technology to tailor-fit any face shape and size
- Floating lens design provides excellent ventilation to minimize fogging
- Extended polycarbonate wrap-around lens blocks 99.9% of UV rays and provides extra cheek and side coverage



FOUR UNIQUE FITTING POINTS:

1. Revolutionary brow bar self-adjusts for a secure fit
2. Pioneering nosepiece construction adjusts to any nose
3. Precise angle adjustment to fit any cheekbone
4. Infinite temple length adjustment fits to any ear

- Black and Silver frames with choice of *Ultra-dura*® hardcoat or *Uvextreme*®
- Anti-Fog lens, 100% dielectric
- Also available in SCT-Reflect 50 light mirror coating for varying light conditions
- Passes ANSI Z87+ and CSA Z94.3 standards

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------------------------|----------|----------------|
| ULTRA-DURA® HARDCOAT | | |
| SAN148 | S0400 | Clear |
| SAN149 | S0401 | Grey |
| SAN150 | S0402 | Amber |
| SAN151 | S0403 | Silver Mirror |
| SAN152 | S0404 | SCT-Reflect 50 |

UVEXTREME® AF

| | | |
|--------|--------|----------------|
| SAN153 | S0400X | Clear |
| SAN154 | S0401X | Grey |
| SAN155 | S0405X | SCT-Grey |
| SAN156 | S0406X | SCT-Vermillion |
| SAN157 | S0407X | SCT-Blue |

| Order No. | Mfg. No. | Lens Tint |
|-----------------------------|----------|----------------|
| ULTRA-DURA® HARDCOAT | | |
| SAN158 | S0490 | Clear |
| SAN159 | S0491 | Grey |
| SAN160 | S0492 | Amber |
| SAN161 | S0493 | Silver Mirror |
| SAN162 | S0494 | SCT-Reflect 50 |

UVEXTREME® AF

| | | |
|--------|--------|----------------|
| SAN163 | S0490X | Clear |
| SAN164 | S0491X | Grey |
| SAN165 | S0495X | SCT-Grey |
| SAN166 | S0496X | SCT-Vermillion |
| SAN167 | S0497X | SCT-Blue |

FALCON®

- Frameless design with patented dual 9 base unilens
- Weightless comfort and superior coverage providing complete and unobstructed vision
- Impact-resistant polycarbonate lens absorb > 99.9% of harmful UVA and UVB radiation
- Temple colours blue nylon or silverstone metal are available on request
- Meets both ANSI Z94.3-1992 industry standards



REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|--------------------|----------|-----------|
| ULTRA-DURA® | | |
| SAJ061 | S4500 | Clear |
| SAJ065 | S4503 | Mirror |

UVEXTREME® AF

| | | |
|--------|--------|-------|
| SAJ062 | S4500X | Clear |
| SAJ064 | S4502X | Amber |

| Order No. | Mfg. No. | Lens Tint |
|--------------------|----------|-----------|
| ULTRA-DURA® | | |
| SAJ079 | S6700 | Clear |
| SAJ083 | S6703 | Mirror |

UVEXTREME® AF

| | | |
|--------|--------|-------|
| SAJ080 | S6700X | Clear |
| SAJ082 | S6702X | Amber |



Eyewear

EYE INJURIES ARE NOT COOL. THESE ARE.

- Harley-Davidson® logo on lens and frame
- Impact-resistant polycarbonate lenses
- 99.9% UV protection
- Scratch resistant hardcoat

HD100 SERIES

- Contemporary, wraparound design
- Moulded-in sideshields and browguards
- Meets ANSI standards



SAK017

HD400 SERIES

- High-tech, high-style protective eyewear
- Provides 180° of panoramic vision
- Excellent side and brow coverage
- Adjustable H-D® retainer cord shipped with frame
- Meets CSA and ANSI standards



SAK025

HD500 SERIES

- Silver matte metal frame with special nickel-free coating
- 10-base dual lens for optimal field of vision
- Spring hinge temples provide a secure and comfortable fit
- Meets ANSI standards



SAK029

HD700 SERIES

- Stylish, 8-base, metal rimless frame design with spring hinge temples
- Nickel silver frame with nickel-free coating
- Adjustable optical nose pads conform to varying nose bridge shapes
- Polycarbonate hard-coated lenses
- Complies with ANSI Z87+ high impact standard



SAN330



ACCESSORIES

SAFETY EYEWEAR ZIPPER CASE

- Tough, hard case protects eyewear when not in use
- Includes handy belt loop and clip

Order No. SAK216



SAFETY EYEWEAR RETAINER CORD

- Silkscreened with H-D logo
- Adjustable slide with H-D logo

Order No. SAK217



| Order No. | Mfg. No. | Frame Colour | Lens Tint |
|---------------------|----------|---------------|---------------|
| HD100 SERIES | | | |
| SAK017 | HD100 | Silver | Blue mirror |
| SAK018 | HD101 | Black | Clear |
| SAK019 | HD102 | Black | Espresso |
| SAK020 | HD103 | Black | Gold mirror |
| HD400 SERIES | | | |
| SAK024 | HD400 | Black | Clear |
| SAK025 | HD401 | Black | Mirror 50 |
| SAK026 | HD402 | Black | Silver Mirror |
| HD500 SERIES | | | |
| SAK027 | HD501 | Matte Silver | Clear |
| SAK028 | HD502 | Matte Silver | Grey |
| SAK029 | HD503 | Matte Silver | Silver Mirror |
| HD700 SERIES | | | |
| SAN327 | HD701 | Gunmetal | Clear |
| SAN328 | HD702 | Gunmetal | Grey |
| SAN329 | HD703 | Gunmetal | Amber |
| SAN330 | HD700 | Gunmetal | Brown Mirror |
| ACCESSORIES | | | |
| Order No. | Mfg. No. | Description | |
| SAK216 | HD903 | Zipper Case | |
| SAK217 | HD902 | Retainer Cord | |

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WARNING: Not intended for use when riding a motorcycle. Improper use may result in serious personal injury or death.



WILLSON® HIGH PERFORMANCE LENS TECHNOLOGY

A broad array of high performance *Willson®* lenses were developed by *Bacou Dalloz* to protect against a variety of hazards in a multitude of conditions. As the lens plays a major role in personal safety, the frame is equally important. Look to the *Willson® WorkSite™* Collection for comfort, style and protection.

| Abbreviation | Description | Uses |
|----------------------|--------------------------------|---|
| Clear | Clear | Indoor - general purpose |
| DGM | Double Gradient Mirror | Mirrored finish at top and bottom of lens for glare reduction, leaves centre of lens clearer for viewing |
| <i>FogBan®</i> | Anti-Fog lens coating | State-of-the-art lens coating promotes crystal clear vision: <ul style="list-style-type: none"> • Resists elements such as humidity, heat, the cold, chemicals, particles and dust • Reduces the hazard of distorted vision resulting from lens fogging • Reduces the static charge of an uncoated polycarbonate lens which minimizes dust attraction • Provides scratch resistance to the polycarbonate lens • Resists chemical attack, especially to common solvents such as acetone and methylene chloride • Fog, scratch, static and chemical resistant properties are maintained after repeated cleaning |
| <i>I/O™</i> | Indoor/Outdoor | Dual purpose, clear mirrored lens recommended for indoor and outdoor jobs. Comfortable in a wide variety of lighting conditions. Reduces glare from natural and artificial light |
| Shaded <i>IR/PC™</i> | Shaded Infrared/ Polycarbonate | IR/PC shaded lenses combine the impact resistance of polycarbonate material with infrared absorbers. Thus, IR/PC shaded lenses meet ANSI-Z87.1 and provide protection against infrared and ultraviolet radiation encountered in acetylene welding, cutting and brazing |
| <i>TSR®</i> Grey | Traffic Signal | Meets ANSI requirements for traffic signal colour recognition. Grey and mirrored grey lenses Recognition for outdoor use. Provides UV protection |



VAPOR™

- Affordably priced, shiny smooth design
- Metallic blue, lightweight frame for all day wear
- Sport temple provides a secure and comfortable wraparound fit
- Soft nose bridge, prevents slipping and conforms to varying nose bridge shapes
- 9-base polycarbonate hardcoat lenses provide distortion-free 180° field of vision
- Free adjustable, break-away *Flexicord™* with every pair
- Meets ANSI Z87+ and CSA Z94.3 standards



| Order No. | Mfg. No. | Lens Tint |
|---------------|----------|-----------------------|
| SAK393 | 11150900 | Clear HC |
| SAK394 | 11150901 | <i>TSR®</i> Grey HC |
| SAK395 | 11150904 | Silver Mirror HC |
| SAK396 | 11150905 | Clear <i>Fog-Ban®</i> |
| SAK397 | 11150906 | Grey <i>Fog-Ban®</i> |

A700 SERIES

- Lightweight design with sport temples
- Soft temple tip pads provide a secure, comfortable fit
- Moulded universal nose bridge
- 9-base polycarbonate hard coated lenses provide 180° field of distortion-free vision
- Provides 99.9% UV protection
- Complies with ANSI Z87+ and CSA Z94.3 standards



| Order No. | Mfg No. | Frame Colour | Lens Tint |
|---------------|---------|--------------|-----------------------|
| SAO669 | A700 | Clear | Clear HC |
| SAO670 | A701 | Grey | <i>TSR®</i> Gray HC |
| SAO671 | A702 | Clear | Amber HC |
| SAO672 | A703 | Grey | Blue Mirror HC |
| SAO673 | A704 | Grey | I/O Silver Mirror |
| SAO674 | A705 | Clear | Clear <i>Fog-Ban®</i> |

FUSE™

- Affordably priced, sporty gunmetal double bridge styling
- Soft adjustable saddle nose bridge, prevents slipping and provides comfort and grip
- 9-base polycarbonate lenses provide distortion-free 180° field of vision
- Frame with nickel-free top-coat to prevent skin reactions for people sensitive to nickel
- Hinge-stoppers prevent temple tips from touching the lenses when folded
- Free adjustable, breakaway *Flexicord™* with every pair
- Meets ANSI Z87+ and CSA Z94.3 standards



| Order No. | Mfg. No. | Lens Tint |
|---------------|----------|-----------------------|
| SAK398 | 11150800 | Clear HC |
| SAK399 | 11150801 | <i>TSR®</i> Grey HC |
| SAK400 | 11150804 | Silver Mirror HC |
| SAK401 | 11150805 | Clear <i>Fog-Ban®</i> |
| SAK402 | 11150806 | Grey <i>Fog-Ban®</i> |

MILLENNIA®

High Style Full Coverage!

- Lightweight frame with superior side and brow protection
- High impact dual 9-base wraparound unilens
- Comfortable universal nose bridge
- Includes adjustable breakaway *FlexiCord™* for added security and convenience
- Meets ANSI Z87+ and CSA Z94.3 safety standards



| Order No. | Mfg. No. | Lens Tint |
|--------------|-------------|---------------------------|
| SG990 | 11150350CSA | Clear |
| SG993 | 11150351CSA | <i>TSR®</i> Grey |
| SG996 | 11150353CSA | <i>I/O™</i> Silver Mirror |



Eyewear

MILLENNIA SPORT®



- Lightweight design and comfortable fit
- Moulded in sideshield for maximum protection
- Optical grade and impact resistant dual 9-base polycarbonate wraparound unilens
- Adjustable breakaway hang cord
- Available with scratch-resistant hardcoat or the proprietary *Willson® FogBan®* coating
- Meets ANSI Z87.7 and CSA Z94.3
- Black frame



| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-------------------|
| SAI961 | 11150750 | Clear |
| SAI962 | 11150751 | TSR® Grey |
| SAI963 | 11150755 | Clear FogBan® |
| SAI964 | 11150756 | TSR® Grey FogBan® |

OP-TEMA®

- *Op-Tema®* spectacles delivers the features that wearers want: lightweight for all day wear, multiple adjustments for maximum fit and clear unobstructed vision
- Provides high level eye protection that workers around the world associate with the *Willson®* name
- Available in black and blue frames in a choice of clear or *TSR®* grey lens
- All orders are CSA approved



| Black Order No. | Mfg. No. | Blue Order No. | Mfg. No. | Lens Tint |
|-----------------|----------|----------------|----------|-----------|
| SG998 | 11150400 | SG999 | 11150410 | Clear |
| SH002 | 11150401 | SH003 | 11150411 | TSR® Grey |

POLYSAFE®

Versatile, yet economical compliance

- Safety eyewear for visitors
- Wide viewing area with excellent coverage
- Uncoated
- Fits over most prescription eyewear
- Meets ANSI Z87+ and CSA Z94.3 safety standards



| Order No. | Mfg. No. | Frame Colour | Description |
|-----------|-----------|--------------|----------------|
| SG405 | 11180031 | Clear | Glasses |
| SAO675 | 11180025W | Black | Glasses |
| SG406 | 11180029 | Clear | Dispenser pack |

Z400

- Sporty design with extended wraparound coverage
- Adjustable temples provide a superior comfort and fit
- Ultra-soft non slip nosepiece
- Scratch-resistant polycarbonate lens
- Fog-free, anti-UV coating
- Distortion-free
- Black frame
- CSA approved



SAK850

SAK851

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAK850 | Z400C | Clear |
| SAK851 | Z400G | Grey |

Z100

- Traditional design with integral sideshields
- *Adjustable temples provide a superior comfort and fit*
- Moulded-in nose bridge
- Scratch-resistant polycarbonate lens
- Distortion-free
- Black frame
- CSA approved



| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAN426 | Z100 | Clear |

Z200

- Superior protection at an economical price
- Ideal visitor spectacle
- Moulded-in nose bridge
- Polycarbonate lens with fog-free, anti-UV coating
- Distortion-free
- CSA approved



| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAN427 | Z200 | Clear |



LIGHTNING and LIGHTNING PLUS

- High base panoramic lens for a wide unobstructed field of vision
- Self-adjusting temples to insure a secure and comfortable fit
- Frame made of chemical and heat resistant Elasto LT material
- Flexi-Fit three-point non-slip nosepiece eliminates excessive pressure on the nose
- Exclusive 4A coating: anti-fog, anti-scratch, anti-UV, anti-static
- Fast and easy lens replacement with unique Rapid-Change system
- Soft-Touch comfort pads
- Optional Rx insert available
- Exceeds CSA Z94.3 and ANSI requirements



LIGHTNING

| Order No. | Mfg. No. | Frame Colour | Lens Tint |
|-----------|----------|--------------|-----------|
| SAJ221 | T65005 | Black | Clear |
| SAJ222 | T65005S | Black | Smoke |
| SAJ230 | T65005A | Black | Amber |
| SAJ231 | T65005M | Black | Mirror* |

*Mirror lenses are not fog free

LIGHTNING PLUS

| Order No. | Mfg. No. | Frame Colour | Lens Tint |
|-----------|----------|--------------|-----------|
| SAJ223 | T65505B | Black | Clear |
| SAJ224 | T65505BS | Black | Smoke |
| SAJ232 | T65505BA | Black | Amber |
| SAJ238 | T65505S | Silver | Clear |
| SAJ239 | T65505SS | Silver | Smoke |
| SAJ242 | T65505SA | Silver | Amber |

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAJ469 | 469RL | Clear |
| SAK754 | 470RL | Smoke |
| SAK755 | 471RL | Amber |
| SAK756 | 472RL | Mirror |

REPLACEMENT NOSEPIECE

| Order No. | Mfg. No. |
|-----------|----------|
| SAK760 | 65RB |



SAJ222



SAJ223



PRESCRIPTION ADAPTOR

- Provides a cost effective choice for prescription glasses
- Prescription lens not included
- Meets CSA Z94.3 requirements

Fits the Lightning, Lightning Plus and the N-Vision T5655 Series eyewear.

Order No. SAJ467
Mfg. No. 65RX



N-VISION™

FLEXI-FIT SOFT NOSEPIECE SYSTEM

- Flexi-Fit soft nosepiece for comfort and adaptability
- Easy lens replacement system
- Frame made of new Elasto LT chemical-resistant material
- Lenses are protected by North's exclusive 4A coating, anti-scratch, anti-static and anti-UV at 99.9%
- Comfortable straight and curved temple ends supplied with all N-Vision series eyewear
- Optional Rx insert available
- Exceeds CSA Z94.3 and ANSI requirements



SAK195

| Order No. | Mfg. No. | Frame Colour | Lens Tint |
|-----------|----------|--------------|-----------|
| SAK195 | T56555B | Black | Clear |
| SAK196 | T56555BS | Black | Smoke |
| SAK197 | T56555BA | Black | Amber |
| SAK198 | T56555BM | Black | Mirror |

| Order No. | Mfg. No. | Frame Colour | Lens Tint |
|-----------|------------|--------------|-----------|
| SAK776 | T56555BL | Blue | Clear |
| SAK777 | T56555BLS | Blue | Smoke |
| SAK778 | T56555BLA | Blue | Amber |
| SAK779 | T56555BLM | Blue | Mirror* |
| SAK780 | T56555GRY | Grey | Clear |
| SAK781 | T56555GRYS | Grey | Smoke |
| SAK782 | T56555GRYA | Grey | Amber |
| SAK783 | T56555GRYM | Grey | Mirror* |

*Mirror lenses are not fog free

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAK787 | 485RL | Clear |
| SAK788 | 486RL | Smoke |
| SAK789 | 487RL | Amber |
| SAK790 | 488HRL | Mirror |

REPLACEMENT NOSEPIECE

| Order No. | Mfg. No. |
|-----------|----------|
| SAK760 | 65RB |





Eyewear

THE EDGE

NORTH

- Single-piece polycarbonate lens with a 9-based curve for maximum peripheral vision
- Lens is anti-fog, anti-scratch, anti-UV 99.9% and anti-static
- Comes complete with both straight and curved temple ends
- Available in black or grey frame colours
- CSA approved



SH060



SH061

| Order No. | MFG No. | Frame Colour | Lens Tint |
|-----------|------------|--------------|-----------|
| SH060 | T56005B | Black | Clear |
| SH061 | T56005BS | Black | Smoke |
| SH062 | T56005BA | Black | Amber |
| SH066 | T56005GRY | Grey | Clear |
| SH067 | T56005GRYS | Grey | Smoke |

REPLACEMENT LENSES

| Order No. | MFG No. | Lens Tint |
|-----------|---------|-----------|
| SR681 | 443RL | Clear |
| SR682 | 444RL | Smoke |
| SR683 | 445RL | Amber |

VISITORS SPECTACLES

These spectacles offer premium protection to plant visitors. Comfortable, they provide a wide viewing field.

They feature superior optical quality with high impact and penetrating resistance. The exclusive interlocking sideshield system offers all around protection from flying particles. These spectacles employ a universal nose bridge for a good fit and are specially designed to fit comfortably over prescription glasses. Individually wrapped in a protective poly envelope. CSA approved.

OrderNo. SG290 Mfg. No. 90S



NORTH

ILLUSION

- Stylish low profile lens design with excellent wraparound coverage
- Lenses are protected by North's exclusive 4A coating, anti-scratch, anti-static and anti-UV at 99.9%
- Black temple
- Meets CSA and ANSI requirements



NORTH

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAJ252 | T15005 | Clear |
| SAJ253 | T15005S | Smoke |
| SAJ254 | T15005A | Amber |
| SAJ255 | T15005M | Mirror* |

*Mirror lenses are not fog free



- Dual lens low profile design offers excellent coverage
- Frame comes with vented sides
- Lenses are protected by North's exclusive 4A coating, anti-scratch, anti-static and anti-UV at 99.9%
- Black frame
- Meets CSA and ANSI requirements



NORTH

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAJ248 | T61005B | Clear |
| SAJ249 | T61005BS | Smoke |
| SAJ250 | T61005BA | Amber |
| SAJ251 | T61005BM | Mirror* |

*Mirror lenses are not fog free

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAK665 | 473RL | Clear |
| SAK666 | 474RL | Smoke |
| SAK667 | 475RL | Amber |

180 SLIMLINE

- Made of lightweight, non-conductive high impact polycarbonate material
- Popular low profile shape
- High 9-base curve for better coverage and wide field of vision
- Soft temple pads for more comfort
- Meets CSA and ANSI requirements



NORTH

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAK757 | T1300 | Clear |
| SAK758 | T1301 | Smoke |
| SAK759 | T1302 | Amber |



The unique dual lens styling in a single piece lens design gives maximum protection and comfort for greater user acceptance. Full frame in black with grey trim, blue with grey trim and grey with black trim. Available with fully adjustable curved temples or straight extensible non-pivoting temple ends. Clear, smoke or amber lenses are anti-fog, anti-scratch, anti-static and anti-UV. Meets ANSI and CSA standards.

| Black/Grey Order No. | Mfg. No. | Blue/Grey Order No. | Mfg. No. | Grey/Black Order No. | Mfg. No. | Lens Tint |
|-------------------------|----------|------------------------|-----------|-------------------------|------------|--------------|
| CURVED TEMPLES | | | | | | |
| SH069 | T57005B | SH072 | T57005BL | SH075 | T57005GRY | Clear |
| SH070 | T57005BS | SH073 | T57005BLS | SH076 | T57005GRYS | Smoke |
| SH071 | T57005BA | SH074 | T57005BLA | SH077 | T57005GRYA | Amber |
| - | | SR680 | T57005BLM | | | Mirror |
| STRAIGHT TEMPLES | | | | | | |
| SH078 | T58005B | SH081 | T58005BL | SH084 | T58005GRY | Clear |
| SH079 | T58005BS | SH082 | T58005BLS | SH085 | T58005GRYS | Smoke |
| SH080 | T58005BA | SH083 | T58005BLA | SH086 | T58005GRYA | Amber |

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SAI789 | 451RL | Clear |
| SAI790 | 452RL | Smoke |
| SAI791 | 453RL | Amber |



PULSAR

- Stylish European shape with burgundy frame
- Base curve dual lens design for wraparound coverage
- Adjustable soft nosepiece for increased comfort
- Adjustable length temple arms
- Lenses are anti-scratch, anti-UV and anti-static
- Indoor/outdoor light grey mirror is not anti-fog



| Order No. | Mfg. No. | Lens Tint |
|-----------|-------------|------------|
| SAO610 | T80005BU | Clear |
| SAO611 | T80005BUS | Smoke |
| SAO612 | T80005BUA | Amber |
| SAO613 | T80005BUTCG | I/O Mirror |

The WAVE

The Wave has a large interchangeable single-piece lens that will fit most face sizes. Features lens pivoting system and extensible temples. Exclusive 4A (anti-fog, anti-scratch, anti-static, anti-UV) lens coatings developed for the most extreme climatic conditions. Available in black in frameless. Choice of clear, smoke or amber lens. Meets ANSI and CSA standards.



| Order No. | Mfg. No. | Lens Tint |
|---------------------------|----------|-----------|
| SH039 | T54005B | Clear |
| SH040 | T54005BS | Smoke |
| SH041 | T54005BA | Amber |
| REPLACEMENT LENSES | | |
| SAI795 | 439RL | Clear |
| SAI796 | 440RL | Smoke |
| SAI797 | 441RL | Amber |



Eyewear

KLONDIKE®

- Stylish matte finish frame
- Gel nosepiece for longwearing comfort
- Lenses are protected by *Duramass*® scratch-resistant hard coat
- Adjustable temples ensure comfortable fit for male and female wearers
- Strong lightweight polycarbonate lenses with 11° base curve provides 99.9% UV protection
- Meets CSA and ANSI standards



| Order No. | Mfg. No. | Frame Colour | Lens Tint |
|-----------|----------|--------------|-------------------|
| SAK795 | KD110 | Black | Clear |
| SAK796 | KD110AF | Black | Clear, Anti-Fog |
| SAK797 | KD112 | Black | Grey |
| SAK798 | KD112AF | Black | Grey, Anti-Fog |
| SAK799 | KD113 | Black | Light Blue |
| SAK800 | KD114 | Black | Amber |
| SAK801 | KD11B | Black | Brown |
| SAK802 | KD120 | Blue | Clear |
| SAK803 | KD122 | Blue | Grey |
| SAK804 | KD128 | Blue | Blue Mirror |
| SAK805 | KD129 | Blue | I/O Clear, Mirror |

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|-----------|------------------|
| SAK806 | L-1KD00 | Clear |
| SAK807 | L-1KD00AF | Clear Anti-Fog |
| SAK808 | L-1KD02 | Grey |
| SAK809 | L-1KD03 | Light Blue |
| SAK810 | L-1KD04 | Amber |
| SAK811 | L-1KD09 | I/O Clear Mirror |
| SAK812 | L-1KD0B | Brown |



TRIWEAR® & TRIWEAR® METAL

- The *Triwear*® Metal has a resilient spring hinged temple while the *Triwear*® features comfort coated bayonet temple design
- Single lens design with wraparound sideshields
- Features the widest optically correct viewing zone, providing a superior optical fit for virtually every user
- Lenses are protected by *Duramass*® scratch resistant hard coat
- Strong lightweight polycarbonate lens provides 99.9% UV protection
- Soft secure proprietary gel nosepiece
- Lifetime frame warranty
- Comes with *Crews*® exclusive black satin carrying case and breakaway cord
- Meets CSA and ANSI standards

TRIWEAR®

| Order No. | Mfg. No. | Frame Colour | Lens Tint |
|-----------|----------|--------------|----------------|
| SAK813 | T2110AF | Onyx | Clear anti-fog |
| SAK814 | T2112AF | Onyx | Grey anti-fog |
| SAK815 | T2117 | Onyx | Silver mirror |
| SAK816 | T2119AF | Onyx | I/O CMA* |
| SAK817 | T2130AF | Taupe | Clear anti-fog |
| SAK818 | T213BAF | Taupe | Brown anti-fog |
| SAK819 | T213R | Taupe | Fire |
| SAK820 | T2140AF | Steel | Clear anti-fog |
| SAK821 | T2149AF | Steel | I/O CMA* |

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|-----------|----------------|
| SAK828 | L-1T200AF | Clear anti-fog |
| SAK829 | L-1T202AF | Grey anti-fog |
| SAK830 | L-1T209AF | I/O CMA* |
| SAK831 | L-1T20BAF | Brown anti-fog |
| SAK832 | L-1T20R | Fire |
| SAK833 | L-1T207 | Silver mirror |



TRIWEAR® METAL

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|----------------|
| SAK823 | T3110AF | Clear anti-fog |
| SAK824 | T3112AF | Grey anti-fog |
| SAK825 | T3118B | Blue diamond |
| SAK826 | T3119AF | I/O CMA* |
| SAK827 | T311R | Fire |

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|-----------|----------------|
| SAK834 | L-1T300AF | Clear anti-fog |
| SAK835 | L-1T302AF | Grey anti-fog |
| SAK836 | L-1T308B | Blue diamond |
| SAK837 | L-1T309AF | I/O CMA* |
| SAK838 | L-1T30R | Fire |



PRODIGY®

- Strong and flexible
- Single lens *SLX*®
- Provides a wide field of vision and angular coverage
- Constructed from a nylon formulation
- Weighs only 1.2 oz.
- Perfect blend of style and comfort
- Scratch-resistant, polycarbonate lenses
- Filters out 99.9% of UV radiation
- Black frame
- Meets ANSI and CSA standards



YUKON®

- Contemporary, wraparound styling provides increased angular coverage
- Improved peripheral vision
- Moulded-in browguard
- Vented sideshield
- Universal nose bridge and temple design provide comfort with a snug fit
- Scratch-resistant polycarbonate lenses
- Filters out 99.9% of UV radiation
- Meets ANSI and CSA standard



REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SA347 | 81110 | Clear |
| SA348 | 81112 | Grey |

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SJ393 | L-18000 | Clear |
| SJ394 | L-18002 | Grey |

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SD692 | 9810 | Clear |
| SD693 | 9812-B | Grey |
| SD694 | 9814-B | Amber |

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|------------|
| SD695 | 9815-B | Green |
| SD696 | 98120 | Filter 2.0 |
| SD697 | 98150 | Filter 5.0 |



TOMAHAWK®



- Affordable alternative for providing protection, comfort and style
- Stylish wraparound design
- Fully adjustable temples
- One-piece polycarbonate lens with integral sideshields
- Lightweight frame provides added comfort and balance
- Provides 99.9% UV protection
- Available in black or blue frame colours with clear or grey lens tints
- Meets CSA and ANSI standards

| Black Order No. | Mfg. No. | Blue Order No. | Mfg. No. | Lens Tint |
|-----------------|----------|----------------|----------|-----------|
| SE588 | TK110 | SE590 | TK120 | Clear |
| SE589 | TK112 | SE591 | TK122 | Grey |

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SJ412 | L-1TK00 | Clear |
| SJ413 | L-1TK02 | Grey |

EXCALIBUR®



- Incorporates a single polycarbonate lens design and contemporary styling
- Provides an exceptional wide angle of unrestricted vision and side protection
- Fully adjustable temples
- Lightweight nylon frame
- Moulded-in nose bridge
- Scratch-resistant lens
- Provides 99.9% UV protection
- Available in black or blue frame with four lens tints
- Optional anti-fog coating available
- Easy lens removal and replacement makes interchanging lenses simple
- Meets ANSI and CSA standards

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint | Order No. | Mfg. No. | Lens Tint |
|---------------------------|----------|-----------|-----------|-----------|----------------|
| ANTI-SCRATCH BLACK | | | | | |
| SE579 | 99910 | Clear | SJ414 | L-19900 | Clear |
| SE580 | 99912 | Grey | SJ415 | L-19902 | Grey |
| SE581 | 99914 | Amber | SJ416 | L-19904 | Amber |
| ANTI-SCRATCH BLUE | | | | | |
| SE583 | 99920 | Clear | SJ417 | L-19906 | Mirror |
| SE584 | 99922 | Grey | SJ418 | L-19900AF | Clear Anti-Fog |

TACOMA®



- Get low-cost protection without giving up quality, safety, comfort or durability
- Scratch-resistant coated lens
- Adjustable temples
- One-piece wraparound lens delivers a wide field of vision and maximum protection
- Provides 99.9% UV protection
- Meets ANSI and CSA standards

| Order No. | Mfg. No. | Lens Tint | Temple Colour | Order No. | Mfg. No. | Lens Tint | Temple Colour |
|-----------|----------|-----------|---------------|-----------|----------|-----------|---------------|
| SJ318 | TC110 | Clear | Black | SJ320 | TC120 | Clear | Blue |
| SJ319 | TC112 | Grey | Black | SJ321 | TC122 | Grey | Blue |

Bear Kat®



- Superior design structure combines the best in safety, comfort and affordability
- Single wraparound lens design with integral sideshields
- Strong, lightweight polycarbonate lens blocks 99.9% of UV rays
- Non-slip rubber head grips
- CSA approved

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|------------------|
| SAN311 | BK110 | Clear |
| SAN312 | BK110AF | Clear anti-fog |
| SAN313 | BK112 | Grey |
| SAN314 | BK112AF | Grey anti-fog |
| SAN315 | BK114 | Amber |
| SAN316 | BK119 | I/O clear mirror |

BLACKJACK®



- Combines premium protection with classic style and comfort
- Durable metal alloy temples with non-slip rubber head grips
- Single wraparound polycarbonate lens has integrated sideshields
- Exclusive *Duramass*® scratch-resistant coating
- Meets CSA standards

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint | Order No. | Mfg. No. | Lens Tint |
|-----------|----------|---------------|-----------|----------|---------------|
| SN478 | S2110 | Clear | SN482 | L-1S200 | Clear |
| SN479 | S2112 | Grey | SN483 | L-1S202 | Grey |
| SN480 | S2117 | Silver Mirror | SN484 | L-1S207 | Silver Mirror |
| SN481 | S2119 | I/O™ | SN485 | L-1S209 | I/O™ Mirror |

ZX® PLUS



- Unitary lens design
- Moulded-to-shape lens
- Built-in nose bridge
- Moulded-in hinge system
- Reinforced brow piece
- Fitted with a PVC strip across the brow
- Offers contemporary styling, comfort and excellent protection
- Scratch-resistant polycarbonate lenses
- Provides 99.9% UV protection
- Meets CSA and ANSI standards

REPLACEMENT LENSES

| Order No. | Mfg. No. | Frame Colour | Lens Tint | Order No. | Mfg. No. | Lens Tint |
|-----------|----------|--------------|-----------|-----------|----------|-----------|
| SA392 | ZX910 | Black | Clear | SM633 | L-1ZX00 | Clear |
| SA393 | ZX912 | Black | Grey | SM634 | L-1ZX02 | Grey |
| SA394 | ZX914 | Black | Amber | | | |
| SA396 | ZX920 | Blue | Clear | | | |
| SA399 | ZX930 | Red | Clear | | | |



Eyewear

STORM®



- Provides extreme comfort
- Ratchet-action temples and non-slip rubber head-grips
- Customized fit for virtually any head size
- Wraparound lens constructed of lightweight, scratch-resistant polycarbonate
- Delivers advanced visual acuity and protection
- Provides 99.9% UV protection
- Meets ANSI and CSA standards



| Order No. | Mfg. No. | Lens Tint | Temple Colour |
|-----------|----------|-----------------------------|---------------|
| SJ326 | ST110 | Clear | Black |
| SJ327 | ST112 | Grey | Black |
| SJ328 | ST117 | Silver Mirror | Black |
| SJ329 | ST119 | Indoor-Outdoor Clear Mirror | Black |
| SJ330 | ST120 | Clear | Blue |
| SJ332 | ST128 | Blue Mirror | Blue |
| SJ333 | ST130 | Clear | Red |

REPLACEMENT LENSES

| | | |
|-------|---------|-----------------------------|
| SJ397 | L-1ST00 | Clear |
| SJ398 | L-1ST02 | Grey |
| SJ399 | L-1ST07 | Silver Mirror |
| SJ400 | L-1ST09 | Indoor-Outdoor Clear Mirror |
| SJ401 | L-1ST08 | Blue Mirror |

FOREMAN®



- Comfort and protection blend perfectly
- 58 mm lens with brow protector
- Moulded-in sideshields
- Wire-reinforced temples for adjustability and a better fit
- Brown frame with clear lens tint
- Scratch-resistant polycarbonate lenses
- Provides 99.9% UV protection
- Meets ANSI and CSA standards



REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint | Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|-----------|----------|-----------|
| SA313 | 41110 | Clear | SJ402 | L-14580 | Clear |

ADVANTAGE

- Combines a teardrop lens with a brow protector
- Sideshields are moulded as part of the temple
- Available in 58 mm
- Available in caramel frame only
- Scratch-resistant polycarbonate lenses
- Provides 99.9% UV protection
- Meets CSA and ANSI standards



REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint | Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|-----------|----------|-----------|
| SA322 | 4180 | Clear | SJ407 | L-41580 | Clear |

V-MAXX®

Comfortable goggles that provide protection from impact, dust, mist, chemical splash and welding hazards

- Direct and indirect vent styles
- Protected by Willson *FogBan*® (proprietary anti-fog/antistatic coating)
- Adjustable headband in red elastic or black neoprene
- Peel-off Mylar goggles covers available
- 3.0 and 5.0 welding shades
- Excellent panoramic vision
- OTG compatible
- Minimizes fogging caused by humidity, heat, cold and heavy exertion
- Meets industry performance standards: ANSI Z87 and CSA Z94.3



| Order No. | Mfg. No. | Description | Lens Tint |
|-----------|----------|--|-------------|
| SAI905 | 11250800 | Direct vent, red elastic headband | Clear |
| SAI906 | 11250810 | Indirect vent, black neoprene headband | Clear |
| SAI907 | 11250830 | Indirect vent, black body and elastic headband | 3.0 Welding |
| SAI908 | 11250850 | Indirect vent, black body and elastic headband | 5.0 Welding |
| SAI909 | 11250860 | Goggles covers, peel-off | - |

Z300

- Impact proof polycarbonate lens
- Adjustable elastic headband
- Indirect ventilation protects against dust, fumes and chemical splash
- Anti-fog lens for high humidity applications
- Distortion-free
- CSA approved



| Order No. | Description |
|-----------|-------------------------|
| SA428 | Direct Vent |
| SA429 | Indirect Vent |
| SA430 | Indirect Vent, Anti-Fog |



FUTURA™

- Wraparound sports style provides excellent panoramic vision
- Frosted browguard reduces glare
- Indirect venting increases air flow
- 2 models: welding and dust/mist/impact /chemical splash
- Fits over most Rx eyewear
- Meets ANSI Z87+ and CSA Z94.3 standards



uvex®

| Order No. | Mfg. No. | Lens Tint |
|--------------------|----------|-----------------|
| CLEAR FRAME | | |
| SE799 | S345C | Clear |
| BLACK FRAME | | |
| SE800 | S347C | Infra-dura® 3.0 |
| SE801 | S348C | Infra-dura® 5.0 |

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SE802 | S780C | Clear |

CLASSIC™

- 3 models available for dust, mist or chemical splash
 - indirect vented
 - indirect hooded and for dust and mist only
 - indirect hooded with face foam
- Fits over most Rx spectacles
- Meets ANSI Z87+ and CSA Z94.3 standards



uvex®

| Order No. | Mfg. No. | Description |
|-----------|----------|----------------------------------|
| SE805 | S360 | Indirect Vent |
| SE806 | S350 | Hooded, Indirect Vent |
| SE807 | S350CF | Hooded, Indirect Vent w/Facefoam |

FURY®

- Sleek, frameless design with wraparound 9-base unilens
- Suggested for dust and small particulates
- Soft, flame resistant, replaceable face foam and headband
- Meets ANSI Z87+ and CSA Z94.3 standards

Order No. **SG499**
Mfg. No. S1890X

REPLACEMENT LENS

Order No. **SG268**
Mfg. No. S6200X

uvex®



REPLACEMENT FABRIC HEADBAND

Order No. **SG501**
Mfg. No. S823

STEALTH™

- Futuristic, low profile design for chemical splash and impact
- Toric lens provides superior optics and peripheral vision
- Rx insert available
- Easiest lens replacement system available
- *Uvextreme AF*® coating and indirect ventilation system minimizes fogging
- Quick adjust headband
- Meets ANSI Z87+ and CSA Z94.3 standards



uvex®

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SE790 | S3960C | Clear |
| SE791* | S3960CI | Clear |
| SE792 | S3961C | Grey |
| SE793 | S3962C | Amber |

* Fabric Headband

REPLACEMENT LENSES

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SE794 | S700C | Clear |
| SE795 | S701C | Grey |
| SE796 | S702C | Amber |

FLEX SEAL™

- Lightweight, silicone body conforms to assure the highest level of comfort and eye protection
- Cured silicone body stays soft and supple in extreme temperatures
- Low profile and optically correct polycarbonate lens provides full field of vision
- *Uvextreme*® anti-fog coating and indirectventing system minimizes fogging
- Fits over most prescription eyewear
- Pivoting clips permit the wearer to position the goggle on a hard hat or position the headband above the ears
- Passes ANSI Z87+ and CSA Z94.3 standards



uvex®

| Order No. | Mfg. No. | Lens Tint | Headband |
|-----------|----------|-----------|----------|
| SAK386 | S3400X | Clear | Neoprene |
| SAK387 | S3405X | Clear | Fabric |
| SAK388 | S3410X | Grey | Neoprene |
| SAK389 | S3430X | Shade 3.0 | Neoprene |
| SAK390 | S3435X | Shade 5.0 | Neoprene |

REPLACEMENT LENSES

| | | | |
|--------|-------|-------|---|
| SAK391 | S710X | Clear | - |
| SAK392 | S715X | Grey | - |

SPOGGLE®

- Superior close-to-the-face coverage
- Suggested for dust and small particulates
- Soft, flame resistant, replaceable face foam and headband
- Meets ANSI Z87+ standard



uvex®

| Order No. | Mfg. No. | Lens Tint |
|-----------|----------|-----------|
| SE772 | S400C | Clear |
| SE773 | S405C | Grey |

| Order No. | Mfg. No. |
|-------------------------|----------|
| REPLACEMENT FOAM | |
| SE774 | S425 |



Eyewear

MONOGOGGLE®

FOR BETTER FIT, COMFORT & PROTECTION.

Lightweight exclusive two-piece frame construction fits better than any other type of goggle. The soft, pliable nosepiece provides better contact, meaning a tighter seal

FogGard® Anti-Fogging Lenses

In environments where high humidity or fogging are factors. Available for all *Monogoggle®* styles.

Series 201

Combines maximum ventilation with impact protection. It is especially suitable to environments where dust, splashes and fumes are not a major problem.

Series 202

Features an unventilated frame to provide the ultimate in protection against fumes, dust, splashes and chemical hazards.

Series 211

Patented ventilation system directs the airflow at the lens with internal baffles to provide maximum splash protection. Ideal for use in chemical plants, foundries and dusty environments.



| Series 201* | | Series 202 | | Series 211* | |
|------------------------|----------|------------|----------|-------------|----------|
| Order No. | Mfg. No. | Order No. | Mfg. No. | Order No. | Mfg. No. |
| CLEAR STANDARD | | | | | |
| SA378 | 10013 | SA380 | 10024 | SA383 | 10032 |
| CLEAR FOG-PROOF | | | | | |
| SA379 | 10087 | SA381 | 10097 | SA384 | 10115 |

* CSA approved

EYEWEAR RETAINERS

Cords allow for easy and convenient access to safety eyewear. Choice of two styles: Universal cord with hoop attachment for all *Uvex®* spectacles and in *Duoflex®/Snap-fit* which incorporates breakaway feature for added safety, fits all *Uvex®* spectacles with pierced temple-ends or *Duoflex®* temples. Available in black.

UNIVERSAL

Order No. **SE783**
Mfg. No. S501

DUOFLEX® SNAP-FIT

Order No. **SE786**
Mfg. No. S505D



SA343 Hi-viz 20" orange nylon cord retainers keep glasses on during vigorous activities and prevent glasses from falling off into manufacturing processes. Cord slips on over ear paddles to hold glasses snugly on head.

Order No. **SA343**
Mfg. No. 7009050

SA342 black nylon retainers feature a sliding bead to adjust for a secure fit regardless of activity.

Order No. **SA342**
Mfg. No. 7009049



EYEWEAR CASES

Eyewear cases and packs extend the useful life of safety eyewear by protecting the lens from scratching and abrasion. The hard case with belt loop and velcro closure fits *Uvex®* spectacles flat-fold frames with sideshields, except the *Astrospec 3000®*. *Astropack* accommodates most safety spectacles including *Astrospec* and *Flashback®* eyewear and a replacement lens. Made of strong, zippered nylon for extra toughness and includes durable belt loops for quick storage. Universal goggles pack accommodates all *Uvex®* goggles.

| Order No. | Mfg. No. | Description |
|-----------|----------|------------------------|
| SE787 | S489 | Hard case w/belt loop |
| SE788 | S491 | Astropack |
| SE789 | S493 | Universal Goggles pack |

OPEN TOP CASE

SK234 soft vinyl case is lined with fabric to help prevent lens scratching. Black open top case includes a handy clip which can be fixed to a shirt pocket. Fits most safety glasses.

* To be used with wire frame eyewear only.

Order No. **SK234**
Mfg. No. 460130



POUCH CASE

SA346 pouch style case is oversized to fit new larger style frames. Lined interior has a second pocket for storage. Black exterior nylon fabric resists cuts and tears. Zippered top keeps contents securely inside.

Order No. **SA346**
Mfg. No. 7009057



DRAW STRING POUCH

Economical nylon draw string pouch. Fits all size eyewear.

Order No. **SK236**
Mfg. No. 460150





UVEX CLEAR®

Uvex Clear® lens cleaning solution is specially formulated for anti-fog and scratch resistant hardcoats and is completely silicone free. Refillable lens cleaning station comes complete with one 16 oz. Uvex Clear® cleaning solution, 4 boxes of 500 non-abrasive tissues and a 3.5" x 4.5" mirror. Includes screw mounts and adhesive foam for quick wall mounting. Dimensions: 22.5" x 12.5".



uvex



SR366

| Order No. | Mfg. No. | Description |
|-----------|----------|----------------------------------|
| SR366 | S461 | Refillable lens cleaning station |
| SN287 | S463 | 16 oz. refillable spray solution |
| SM798 | S464 | 1 Gallon solution refill |
| SN144 | S462 | Box of 500 non-abrasive tissues |

CORRUGATED DISPOSABLE LENS CLEANING STATIONS

Easy-to-install disposable stations for flat surface or wall mounting. Stations include tissues and anti-static, anti-fog cleaning and polishing spray fluid. For use with glass, plastic and polycarbonate lenses, goggles or faceshields. Large station holds 1520 tissues. Available with silicone or alcohol and silicone-free cleaning solution. Alcohol and silicone-free cleaning solution is safe for coated lenses.



fend-all

| Order No. | Mfg. No. | Description |
|--|----------------|---------------------------|
| 16-OZ. SPRAY (26 3/4" W x 9 1/2" D x 12 1/4" H) | | |
| SA709 | 32-000079-0000 | Alcohol and Silicone |
| SC399 | 32-000079-0040 | Alcohol and Silicone-Free |

LENS CLEANING TOWELETTE DISPENSER fend-all

Ideal when remote stations are impractical. Anti-static, anti-fog, silicone-free towelette dispenser provides 100 individually packaged, pre-folded towelettes in one convenient corrugated dispenser.

Order No. SA714
Mfg. No. 32-000094-0000



EYEWEAR LANYARDS

- 100% cotton
- Adjustable barrel slide
- Durable, cool, comfortable
- Machine washable
- Fits standard frames
- Black

3200 SERIES

Order No SAK847 Mfg. No. 19152

3215 SERIES DUAL BREAKAWAY DESIGN

Order No SAK848 Mfg. No. 19212

3255 SERIES

- 5 mm polypropylene rope construction
- For perforated frame attachment
- Quick-release clips
- Adjustable slide
- Durable, cool, comfortable
- Machine washable
- Black

Order No SAK849 Mfg. No. 19352



GOGGLE CLIP

- Made of heavy-duty non-conductive plastic material
- Three-position adjustment, which enables the goggle clip to fit securely on different designs of hard hats
- Will accept most goggles on the market
- 3/package

Model No. SAM034
Mfg. No. GC2000



NORTH

HARD SHELL EYEGLASS CASE

- Crush proof case
- Padded interior lining
- Handy clip attachment

Order No. SAN520
Mfg. No. 207

CREWS
INC.





Respiratory

CFR-1™ RESPIRATORS

North's new and improved CFR-1™ respirator is the next generation of disposable dust masks. Its reusable face piece with easy to replace disposable filters will meet and exceed the needs of workers, safety professionals and purchasing managers. No longer is there a compromise between comfort, protection and value.

- Soft face piece seal
- Built-in exhalation valve
- Face piece design prevents filters from collapsing
- Adjustable harness

| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| SAG360 | 4200S | Small |
| SAG361 | 4200M | Medium |
| SAG362 | 4200L | Large |

WELDING RESPIRATOR

| | | |
|--------|--------|--------|
| SAG363 | 4200SW | Small |
| SAG364 | 4200MW | Medium |
| SAG365 | 4200LW | Large |

REPLACEMENT FILTERS FOR CFR-1™

N95 Particulate filters (minimum 95% filter efficiency) provide protection from solids and particulate aerosols free of oil.

P95 Particulate filters (minimum 95% efficiency) provide protection from any particulates. **Sold per box.**

| Order No | Mfg. No. | Description | Qty /Box |
|----------|----------|-------------|----------|
| SAG366 | 42N95 | N95 Filters | 20 |
| SAM585 | 42R95 | R95 Filters | 10 |

SAG360



NORTH

SAG363



SAG366



SAG366



N95 DISPOSABLE PARTICULATE RESPIRATORS

North has designed and engineered this respirator to provide exceptional comfort and worker protection. It features a soft cushioned nose seal for added comfort and a nose clip for improved fit. The headstraps are latex free. The N95 provides protection from solids and particulate aerosols free of oil, and is ideal for dusty environments such as grinding, sanding and sweeping. **Sold per box.**



SAH687

NORTH



SAH678

P100 DISPOSABLE PARTICULATE RESPIRATORS

- Comes with adjustable strap, exhalation valve and full flange sealing cushion
- Disposable mask P100
- 5 respirators per box, **Sold per box**
- Meets NIOSH approval TC-84A-4122

Order No. SAO678

Mfg. No. 8150P100

NORTH



| Order No. | Mfg. No. | Description | Size | Qty /Box |
|-----------|----------|-------------------------------|-----------|----------|
| SAO676 | 7130N95S | Respirator | Small | 20 |
| SAH678 | 7130N95 | Respirator | Med/Large | 20 |
| SAO677 | 7140N95S | Respirator w/exhalation valve | Small | 20 |
| SAH687 | 7140N95 | Respirator w/exhalation valve | Med/Large | 10 |



**Cool Flow™
Exhalation Valve**
Patented one-way valve for easy exhalation and cool, dry comfort.

M-Noseclip
Adjusts easily for fewer points and greater comfort.

Faceseal
Soft and secure, conforms closely to face for long lasting comfort and protection.

Advanced Electret Media
Advanced electrostatically charged microfibres make breathing easier and cooler.










Odour-Removing Filter Material
Carbon layers remove nuisance odours for greater comfort and productivity.

Cake-Resistant Filter Media
Specially designed filter layers provide longer respirator life and easier breathing.

Fully Adjustable Straps
A single tug helps provide a comfortable secure fit.

P-Series Filter
Featuring advanced Electret Media, appropriate for prolonged use in both oil and non-oil containing environments.

QUICK REFERENCE GUIDE FOR DISPOSABLE RESPIRATORS ON PAGES 104-105

|  | | | |  |  |  |  |  |  |  |  |
|---|--------|-------|---|---|---|---|---|---|---|---|---|
| Order No. | 3M No. | Class | Suggested Applications* | | | | | | | | |
| SAJ542 | 8000 | N95 | Sanding, Sweeping Bagging, Light duty | | | | √ | | | F | |
| SAM402 | 8110S | N95 | Grinding, Sanding Sweeping, Bagging Other dusty/operations | | | | √ | | | F | |
| SE260 | 8210 | N95 | Grinding, Sanding Sawing, Sweeping Bagging, moderate duty | | | | √ | | | F | |
| SE261 | 8511 | N95 | Grinding, Sanding Sweeping, Bagging Other dusty/hot operations, Heavy-Duty | √ | √ | | √ | | | F | |
| SE262 | 8212 | N95 | Welding, Brazing Soldering, Torch cutting Metal pouring | √ | | √ | √ | | √ | A | |
| SE883 | 8214 | N95 | Welding Brazing Soldering Torch Cutting Metal Pouring | √ | | √ | √ | √ | √ | A | |
| SR588 | 9210 | N95 | Grinding Sanding Sweeping Bagging General Maintenance Other operations that create dust | | | | √ | | | F | |
| SR616 | 9211 | N95 | Grinding Sanding Sweeping Bagging General Maintenance Other operations that create dust | √ | | | √ | | | F | |
| SE263 | 8246 | R95 | Aluminum smelting Glass etching Chemical processing Paper processing Brewing operations | | | | √ | √ | | F | |
| SE264 | 8247 | R95 | Foundry operations Lab settings Agriculture Petrochemical mfg. Undercoating | | | | √ | √ | | F | |
| SE265 | 8576 | P95 | Aluminum smelting Glass etching Chemical processing Paper processing Brewing operations | √ | √ | | √ | √ | | A | √ |
| SE266 | 8577 | P95 | Foundry operations Lab settings Petrochemical mfg. Undercoating | √ | √ | | √ | √ | | A | √ |
| SE267 | 8271 | P95 | Grinding, Sanding Sweeping, Bagging Machining Other dusty/oily operations | √ | √ | √ | √ | | | F | √ |
| SE268 | 8233 | N100 | OSHA substance specific particle exposure Lead abatement Cadmium Arsenic Pharmaceutical mfg. | √ | | √ | √ | | | A | |

* These are a few suggested applications.



Respiratory

8000 N95 PARTICULATE RESPIRATORS

- NIOSH approved N95
- Excellent worker protection
- Lightweight construction
- Adjustable nose clip
- 30 respirators per box,

Sold per box
Order No. SAJ542
Mfg. No. 8000



8210 N95 PARTICULATE RESPIRATORS

- NIOSH approved N95
- Lightweight construction
- Advanced electret media
- Excellent worker protection
- Adjustable nose clip
- 20 respirators per box,

Sold per box
Order No. SE260
Mfg. No. 8210N95



9210 & 9211 N95 PARTICULATE RESPIRATORS

- NIOSH approved N95
- Three-panel respirator
- Soft, conformable nose clip
- Lightweight, collapse-resistant design
- Cool Flow™ exhalation valve on SR616

Order No. SR588
 9210 w/o valve
Mfg. No. 9210
 20 respirators per box,
Sold per box

Order No. SR616
 9211 w/valve
Mfg. No. 9211
 10 respirators per box,
Sold per box



8511 N95 PARTICULATE RESPIRATORS

- NIOSH approved N95
- Cool Flow™ exhalation valve
- M-nose clip
- Lightweight construction
- 10 respirators per box,

Sold per box
Order No. SE261
Mfg. No. 8511N95



8110S N95 PARTICULATE RESPIRATORS

- NIOSH approved N95
- Excellent worker protection
- Advanced electret media
- Lightweight construction
- Fits small faces
- Adjustable nose clip
- 20 respirators per box,

Sold per box
Order No. SAM402
Mfg. No. 8110S



8212 N95 PARTICULATE RESPIRATORS

- NIOSH approved N95
- Cool Flow™ exhalation valve
- Caking resistant filter media
- Fit easily under a welding hood
- Adjustable straps
- Face seal
- Flame resistant as per ASTM D2859-96 testing
- 10 respirators per box,

Sold per box
Order No. SE262
Mfg. No. 8212N95



8214 N95 PARTICULATE RESPIRATORS

With nuisance level organic vapour protection

- NIOSH approved N95
- Cool Flow™ exhalation valve
- Adjustable straps
- Face seal
- Caking resistant filter media
- Flame resistant as per ASTM D2859-96 testing
- 10 respirators per box,

Sold per box
Order No. SE883
Mfg. No. 8214N95



8246 R95 PARTICULATE RESPIRATORS

With nuisance level acid gas relief!

- NIOSH approved R95
- Adjustable nose clip
- Lightweight construction
- 20 respirators per box,

Sold per box
Order No. SE263
Mfg. No. 8246R95





8247 R95 PARTICULATE RESPIRATORS

With nuisance level organic vapour relief!

- NIOSH approved R95
- Adjustable nose clip
- Lightweight construction
- 20 respirators per box,
Sold per box

Order No. SE264

Mfg. No. 8247R95



8233 N100 PARTICULATE RESPIRATOR

- NIOSH approved N100
- Cool Flow™ exhalation valve
- Face seal
- Adjustable nose clip
- Lightweight construction
- Buckle adjustable strap
- 1 respirator per bag,
Sold per bag

Order No. SE268

Mfg. No. 8233QN100



P95 PARTICULATE RESPIRATORS

- NIOSH approved P95
- Cool Flow™ exhalation valve
- M-nose clip
- Face seal
- Lightweight construction
- 10 respirators per box,
Sold per box



SE265



SE266



SE267



FILTERING FACEPIECE RESPIRATOR DISPENSER

- Holds up to 40 elastic-strap respirators
- Keeps respirators clean, sanitary and readily accessible
- Gravity-close lid
- Foam-gasket opening
- All steel construction
- Wall mountable
- Dimensions:
13 9/16" H x 6 1/4" W x 5 3/4" D
- Colour: Safety Yellow
- Wt.: 4.75 lbs

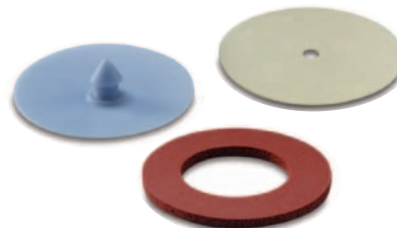
Order No. SB916

Mfg. No. D100



| Order No. | Mfg. No. | Description |
|-----------|----------|--|
| SE267 | 8271P95 | 8271 Respirator |
| SE265 | 8576P95 | 8576 with Nuisance Level Acid Gas Relief |
| SE266 | 8577P95 | 8577 with Nuisance Level Organic Vapour Relief |

SEE PAGES 117-121 FOR 3M HALF & FULL FACE RESPIRATORS AND FILTER MEDIA





Respiratory

SAF-T-FIT® PLUS RESPIRATORS - A FIT TO EVERY FACE

- Three anthropometrically designed, colour-coded sizes for increased protection and better fit on a wider range of facial features
- Exclusive patented *Saf-T-Fit*® sizer assists in selecting the proper facepiece size
- Boomerang nose seal on most styles adapts to different faces for better protection
- Lightweight, humidity resistant, hypoallergenic filter media maximizes wearer comfort and respirator service life
- Durable suspension straps eliminate pre-stretching and facepiece tabs prevent staples from penetrating filter area
- Full sealing flange to provide extra protection on N99 types
- Styles for nuisance level organic vapour and acid gas protection available
- Seven types meeting NIOSH 42 CFR 84 Standards for effective particulate protection



N1105

Economical mask in three sizes offers improved fit and NIOSH approved N95 protection. Recommended for use with particulate aerosols free of oil. **20 per box, Sold per box**



| Order No. | Mfg. No. | Size |
|-----------|----------|------|
| SAM235 | 14110387 | S |
| SAM236 | 14110388 | M/L |
| SAM237 | 14110389 | XL |

N1115

Also, NIOSH approved for N95 protection, this unit features a unique boomerang nose sealing flange which provides exceptional comfort and fit. **20 per box, Sold per box**



| Order No. | Mfg. No. | Size |
|-----------|----------|------|
| SAM238 | 14110390 | S |
| SAM239 | 14110391 | M/L |
| SAM240 | 14110392 | XL |

N1125

Ideal for hot environments such as foundries and steel mills, this disposable respirator offers all the features of the N1115, plus an exhalation valve to increase wearer comfort. **20 per box, Sold per box**



| Order No. | Mfg. No. | Size |
|-----------|----------|------|
| SAM241 | 14110393 | S |
| SAM242 | 14110394 | M/L |
| SAM243 | 14110395 | XL |

N1125 OV

With all the performance features of the N1125, this respirator removes irritating nuisance level organic vapours at concentrations below the OSHA Permissible Exposure Limit. **10 per box, Sold per box**



| Order No. | Mfg. No. | Size |
|-----------|----------|------|
| SAM244 | 14110396 | S |
| SAM245 | 14110397 | M/L |
| SAM246 | 14110398 | XL |

N1125 AG

With all the performance features of the N1125, this respirator removes irritating nuisance level acid gases at concentrations below the OSHA Permissible Exposure Limit, making it ideal for use in aluminum reduction and glass etching operations. **10 per box, Sold per box**



| Order No. | Mfg. No. | Size |
|-----------|----------|------|
| SAM247 | 14110399 | S |
| SAM248 | 14110400 | M/L |
| SAM249 | 14110401 | XL |

N1139

Full sealing flange maximizes protection and wearer comfort, this premium NIOSH-approved N99 respirator has a 99% minimum efficiency against oil-free particulates. Provides higher levels of protection in general industrial applications such as certain welding, soldering, metal cutting and metal pouring, as well as high-temperature environments. **10 per box, Sold per box**



| Order No. | Mfg. No. | Size |
|-----------|----------|------|
| SAM250 | 14110402 | S |
| SAM251 | 14110403 | M/L |
| SAM252 | 14110404 | XL |

P1115

A superb choice for protection from oil aerosols, and NIOSH approved for P95 applications, the P1115 features a unique boomerang nose sealing flange for exceptional comfort and fit while reducing fogging of safety glasses. **20 per box, Sold per box**



| Order No. | Mfg. No. | Size |
|-----------|----------|------|
| SAM253 | 14110426 | M/L |
| SAM254 | 14110427 | XL |

P1135

A full sealing flange and exhalation valve make the P1135 the most comfortable disposable respirator for sanding, grinding or sweeping, brazing, torch cutting, soldering, certain welding and other hot, dusty and/or oily operations. **10 per box, Sold per box**



| Order No. | Mfg. No. | Size |
|-----------|----------|------|
| SAM255 | 14110428 | M/L |
| SAM256 | 14110429 | XL |



SAF-T-FIT® FLAT-FOLD RESPIRATORS

- Individually wrapped and easy to store in a pocket
- Features a spring-open design, boomerang nose seal and exhalation valve for easy donning, secure fit and exceptional comfort
- Unique fold-and-hold mechanism keeps contamination out when the mask is not in use
- Recommended for use with particulate aerosols free of oil
- Self-dispensing box
- Sold per box



SAM282

SAM285



| Order No. | Mfg. No. | Size | Qty/Box |
|---|----------|--------|---------|
| N9510F W/BOOMERANG NOSE SEAL | | | |
| SAM280 | 14110320 | Small | 50 |
| SAM281 | 14110321 | Medium | 50 |
| SAM282 | 14110322 | Large | 50 |
| N9520F W/BOOMERANG NOSE SEAL AND VALVE | | | |
| SAM283 | 14110323 | Small | 30 |
| SAM284 | 14110324 | Medium | 30 |
| SAM285 | 14110325 | Large | 30 |

NUISANCE DUST MASKS

Nuisance dust masks are available for nuisance dusts such as animal dander and pollen or other nuisance level dusts at exposures below the OSHA permissible exposure limit. This mask is not NIOSH approved.

50 per box, **Sold per box**

Order No. **SAM286** Mfg. No. 14110094CC



FIT TEST KIT

IRRITANT SMOKE FIT TEST KIT

The Irritant Smoke Fit test kit with an aspirator bulb facilitates testing and meets the requirements of the Respiratory Protection Standard, 1910.134. The standard kit includes: Six irritant smoke tubes (15 tests/tube), aspirator bulb, tube tip breaker, record form and instruction manual and a hard shell plastic case.

Note: The irritant smoke test protocol requires that the test be conducted in a well-ventilated area. The use of a tent or hood is prohibited and will not comply with OSHA regulations. Misuse of these products may result in serious injury or death.

Order No. **SAM213**

Mfg. No. 140090



See pages 107-109 for



**Respirators
& Filter Media**





Respiratory

7700 SERIES HALF MASK

- Non-allergenic silicone facepiece material conforms to facial features and doesn't harden with age
- Easy to clean, extremely durable and resists distortion ensuring a better fit
- Contoured sealing flange and cradle suspension system eliminates discomfort caused by pressure points on facial nerves
- Minimal dead air space improves worker comfort by limiting rebreathing of exhaled air
- Direct cartridge to facepiece seal minimizes replacement parts and simplifies maintenance



Cartridges not included

NORTH

| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| ZC352 | 770030S | Small |
| SM802 | 770030M | Medium |
| SA788 | 770030L | Large |

5500 SERIES LOW MAINTENANCE

- Non-allergenic elastomer for comfort and fit
- Contoured sealing flange eliminates discomfort
- Minimal dead air space improves worker comfort by limiting rebreathing of exhaled air
- Direct cartridge to facepiece seal minimizes replacement parts and simplifies maintenance



Cartridges not included

NORTH

| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| SM890 | 550030S | Small |
| SM891 | 550030M | Medium |
| SM892 | 550030L | Large |

5400 SERIES LOW MAINTENANCE FULL FACEPIECE

- Elastomer material with high chemical resistance
- Oral nasal cup reduces fogging and lessens dead air space to improve comfort
- Hard-coated polycarbonate lens provide over 200° field vision



Cartridges not included

NORTH

| Order No. | Mfg. No. | Size |
|-----------|----------|--------------|
| SAH792 | 54001S | Small |
| SAH791 | 54001 | Medium/Large |

7600 SERIES FULL FACEPIECE

- Silicone facepiece material conforms to facial features and doesn't harden with age
- Easy to clean and resists distortion
- Protects the wearer's eyes and face against irritating gases, vapors and flying objects
- Oral nasal cup reduces fogging and lessens dead air space to improve comfort
- Speaking diaphragm makes communication easy
- Five-strap harness provides an effective and comfortable facepiece to face seal
- Hard-coated polycarbonate lens provide over 200° field vision



Cartridges not included

NORTH

| Order No. | Mfg. No. | Size |
|-----------|----------|-----------|
| SM893 | 76008AS | Small |
| SI777 | 76008A | Med/Large |

RESPIRATOR CLEANING KIT

- Double-sided pail 15 L
- Cleaning brush
- Vacuum bulb
- Closing stickers to seal storage bags
- Sanitizer cleaner A-33, 90 per pouch/bucket
- Included: 45 storage bags

Order No. SAN697
Mfg. No. RCK7677

NORTH





BACKPACK ADAPTER

- Backpack adapter allows users to locate cartridges and filters out of the work zone
- Is easily adaptable to all North full facepiece and half mask air-purifying respirators
- Attaches to the facepiece cartridge connector
- Ideal for tight or highly heated work places
- Like an extension cord for cartridges

Order No. SA0679
Mfg. No. BP1002



*Shown here with half mask and cartridge

7190N99 LOW MAINTENANCE

- Patented coaxial valving system to make it the coolest
- Low-maintenance
- Patented process helps avoid the uncomfortable build-up of heat and moisture common in disposables
- Designed for welding, as the swept-back profile fits easily under a welding helmet
- Can also be used for many applications with solid particulates and non-oil based aerosols if the hazard ration is less than 10
- In addition it has a replaceable filter
- 42CFR84 approved



SA847



| Order No. | Mfg. No. | Size |
|-----------|------------|--------------------------|
| SA847 | 7190N99 | Half Mask N99 |
| SM897 | 719009N99A | Replacement filter 2/pkg |



7900 EMERGENCY ESCAPE RESPIRATOR

- Easy to use, emergency escape mouthpiece respirators
- Disposable, no need for a maintenance program
- SM898 is NIOSH approved for protection during escape only from atmospheres containing chlorine, chlorine dioxide, sulfur dioxide and hydrogen sulfide
- SM899 is NIOSH approved for respiratory protection during escape only from atmospheres containing ammonia
- NOTE: OSHA prohibits use of disposable respirators in asbestos environments

| Order No. | Mfg. No. | Escape from |
|-----------|----------|---|
| SM898 | 7902 | Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen sulfide |
| SM899 | 7904 | Ammonia |

KLETON

See Pages 307-372 For our
Kleton Line of Trucks & Carts

Quality and Value Built into











Respiratory

PARTICULATE FILTERS

• Sold per package





NORTH

| | Order No. | Mfg. No. | Description | Qty/Pkg | Case Qty |
|---|-----------|----------|--|---------|----------|
|  | SM913 | 7580P100 | P100 any particulate filter (HEPA) - 99.97% minimum filter efficiency | 2 | 24 |
|  | SM914 | 75FFP100 | Pancake P100 any particulate filter (HEPA) 99.97% minimum filter efficiency. NOTE: This P100 filter can be assembled to any gas/vapour cartridge, except Defender™, by using a 7500-35 adaptor | 2 | 50 |
|  | SM907 | 7531N95 | N95 Non-oil particulate filter assembly - 95% minimum filter efficiency, includes 7506N95 Prefilter, N7500-27 Filter Cover, and N7500-15 Filter Holder | 2 | 12 |
|  | SM909 | 7531N99 | N99 Non-oil particulate filter assembly - 99% minimum filter efficiency, includes 7906N99A-12 Prefiler, N7500-27 Filter Cover, and N7500-15 Filter Holder | 2 | 12 |
|  | SM915 | 7506N95 | N95 Non-oil Particulate Prefilters - 95% Minimum filter efficiency. NOTE: This Prefilter can be assembled to any gas/vapour Cartridge (including 3000 Series) by using a N7500-27 filter cover | 10 | 12 |
|  | SM916 | 7506N99 | N99 Non-oil Particulate Prefilters - 99% Minimum filter efficiency. NOTE: This Prefilter can be assembled to any gas/vapour Cartridge (including 3000 Series) by Using a N7500-27 filter cover | 10 | 12 |

ACCESSORIES

• Sold per package

NORTH







| | Order No. | Mfg. No. | Description | Qty/Pkg | Case Qty |
|---|-----------|----------|--|---------|----------|
|  | SM917 | N750035 | Adaptor for assembly of a 75FFP100 Pancake Filter to a gas and vapour cartridge (except Defender™ Cartridge) | 1 | 24 |
|  | SM918 | N750015 | Filter holder for 3" filters | 1 | 24 |
|  | SA798 | N750027 | Seal Check/Filter Cover | 1 | 24 |
|  | SM919 | N750029 | Shower Cap for 7580P100 Filter | 1 | 24 |



GAS & VAPOUR CARTRIDGES

• Sold per package







NORTH

| Cartridges | Order No. | Mfg. No. | Description | Qty/ Pkg | Case Qty |
|---|--------------|----------|---|----------|----------|
|  | SM900 | 75SC | <i>Defender™</i> Multi-Gas Cartridges are approved for protection against organic vapours, chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide (Escape), hydrogen fluoride, chlorine dioxide, ammonia, methylamine and formaldehyde | 2 | 18 |
|  | ZD796 | N75001 | Organic Vapour Cartridge | 2 | 18 |
|  | SM901 | N75002 | Acid Gas Cartridge | 2 | 18 |
|  | SM889 | N75003 | Organic vapour, chlorine, hydrogen chloride, sulfur dioxide, hydrogen fluoride, chlorine dioxide cartridge | 2 | 18 |
|  | SM903 | N75004 | Ammonia, methylamine cartridge | 2 | 18 |
|  | SM905 | N750052 | Mercury vapour, chlorine cartridge with End-of-service-indicator (ESLI) | 2 | 18 |

COMBINATION GAS & VAPOUR CARTRIDGES & P100 PARTICULATE FILTERS

• Sold per package

NORTH

| Cartridges | Order No. | Mfg. No. | Description | Qty/ Pkg | Case Qty |
|---|--------------|-----------|--|----------|----------|
|  | SM906 | 75SCP100 | <i>Defender™</i> Multi-Purpose Cartridge and P100 Any Particulates Filter - 99.97% minimum filter efficiency - are approved for protection against organic vapours, chlorine, hydrogen chloride, sulfur dioxide, hydrogen sulfide (escape), hydrogen fluoride, chlorine dioxide, ammonia, methylamine and formaldehyde | 2 | 12 |
|  | SM797 | 7581P100 | Organic vapour cartridge and P100 Particulates filter - 99.97% minimum filter efficiency | 2 | 12 |
|  | SM908 | 7582P100 | Chlorine, hydrogen chloride, sulfur dioxide, hydrogen fluoride, chlorine dioxide, formaldehyde cartridge and P100 any particulates filter - 99.97 % minimum filter efficiency | 2 | 12 |
|  | SI782 | 7583P100 | Organic vapours, chlorine, hydrogen chloride, sulfur dioxide, hydrogen fluoride, chlorine dioxide cartridge and P100 any particulates filter - 99.97% minimum filter efficiency | 2 | 12 |
|  | SM910 | 7584P100 | Ammonia, methylamine cartridge and P100 any particulates filter - 99.97% minimum filter efficiency | 2 | 12 |
|  | SM912 | 75852P100 | Mercury vapours, chlorine cartridge and P100 any particulates filter - 99.97% Minimum filter efficiency, with End-Of-Service-Indicator (ESLI) | 2 | 12 |



Respiratory

NORTH AMBIENT AIR PUMPS (FOR CONTINUOUS FLOW RESPIRATORS)

The *North* ambient air pump can be use with continuous flow hoods and tight fitting facepieces. Available in 3/4 HP motors, these rotary vane oilless pumps are rugged, standing up to tough environments. The pumps features a carrying handle for easy transportability. Pumps are available separately or as part of a pump package.

The APPA kit includes: 1 portable ambient air pump, 1 full facepiece, 1 interchangeable breathing tube, 1 50' air hose #888050, 1 1/2" Hansen quick connect.

The APPB kit includes: 1 portable ambient air pump, 1 airline complete with Tyvek® hood, 1 50' air hose, 1 1/2" Hansen quick connect.

The APPC kit includes: 1 portable ambient air pump, 1 half mask, 1 interchangeable breathing tube, 50' air hose, 1 1/2" Hansen quick connect.

COMPLETE KITS

| Order No. | Mfg. No. | Description |
|-----------|----------|------------------|
| SAI411 | APPA | w/full facepiece |
| SAI412 | APPB | w/Tyvek® hood |
| SAI413 | APPC | w/half mask |

HEADGEAR

| Order No. | Mfg. No. | Description |
|-----------|----------|-------------------------------------|
| SAI414 | 85301T | Tyvek® Hood, harness, tube and belt |
| ZC352 | 770030S | Small half mask |
| SM802 | 770030M | Medium half mask |
| SA788 | 770030L | Large half mask |
| SAH791 | 54001 | Medium/Large full facepiece |
| SAH792 | 54001S | Small full facepiece |

REPLACEMENT PARTS

| Order No. | Mfg. No. | Description |
|-----------|----------|--|
| SAI415 | 888050 | Air hose assembly 50' |
| SAI416 | 88800H | Quick connect assembly 1/2" I.D. Coupler |
| SAI417 | CF2007 | Interchangeable breathing tube |
| SAK090 | 86610 | Ambient air pump 3/4 HP |



SAK090 Pump

SAI416 Coupler



SAI417 Airline



SAI415 Hose

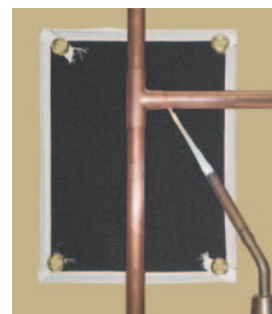


ZC352 Respirator



SAI414 Hood

SEE PAGE 235 FOR WILSON WELDING SCREENS, BLANKETS & SOLDERING PADS





COMPACT AIR™ FOR NORTH FACE PIECES

- NIOSH approved
- For use with North face pieces 7700, 5500, 7600, and 5400 series

NORTH



| Order No. | Mfg. No. | Description |
|-----------|----------|--|
| SAO117 | CA102 | Respirator delivers a minimum of 4 CFM |
| SAO118 | CA102D | Compact Air with Decon Belt |

COMPACT AIR™ FOR NORTH PRIMAIR™ SERIES HEAD COVERS

- NIOSH approved
- For use with loose fitting head gears

NORTH



| Order No. | Mfg. No. | Description |
|-----------|----------|--|
| SAO115 | CA101 | Respirator delivers a minimum of 6 CFM |
| SAO116 | CA101D | Compact Air with <i>Decon</i> Belt |

FOR PHARMACEUTICAL AND LIGHT-DUTY INDUSTRIES

| | | |
|--------|--------|-------------------|
| SAO038 | PA101S | Primair™ - Small |
| SAO039 | PA101M | Primair™ - Medium |
| SAO040 | PA101L | Primair™ - Large |

REPLACEMENT HEADGEAR

| | | |
|--------|--------|--------|
| SAO041 | PA102S | Small |
| SAO042 | PA102M | Medium |
| SAO043 | PA102L | Large |

| Order No. | Mfg. No. | Description |
|---|----------|-------------------------------|
| FOR ENVIRONMENTS NEEDING FULL HEAD AND SHOULDER COVERAGE | | |
| SAO046 | PA111 | Primair Plus Headgear |
| SAO047 | PA112 | Primair Plus replacement hood |

ACCESSORIES

| | | |
|--------|-------|---|
| SAO044 | PA104 | Sweatband for Primair™ Headgear |
| SAO045 | PA105 | Peel-Off Cover Lens |
| SAO048 | PA121 | Primair Plus assembly w/Saranex® headgear |
| SAO049 | PA122 | Primair Plus replacement Saranex® hood |

NORTH

CARTRIDGES & FILTERS (3 PER BOX)

| | Order No. | Mfg. No. | Description |
|--|-----------|----------|--|
| | SAO119 | 40HE | HEPA Filter |
| | SAO120 | 4001 | Organic Vapour Cartridge |
| | SAO121 | 4003 | Organic Vapour, Acid Gas Cartridge |
| | SAO122 | 4004 | Ammonia/Methylamine Cartridge |
| | SAO123 | 4001HE | Organic Vapour Cartridge & HEPA Filter |
| | SAO124 | 4003HE | Organic Vapour, Acid Gas Cartridge & HEPA Filter |
| | SAO125 | 4004HE | Ammonia/Methylamine Cartridge & HEPA Filter |



Respiratory

THREADED CARTRIDGES

This icon indicates selected *Survivair*® products that will accept threaded (S-Series) cartridges



BAYONET CARTRIDGES

This icon indicates selected *Survivair*® products that will accept bayonet (T-Series) cartridges



SURVIVAIR® VALUAIR® PLUS HALF-MASK

Great value and easy to adjust. The *Valuair*® Plus series provide an excellent choice for limited use and limited life applications. *Valuair*® combines NIOSH-approved protection with low breathing resistance and the comfort of more expensive respirators.

- Thermoplastic elastomer facepiece reduces cost
- Soft sealing flange and forward angled nose piece easily accommodate eyewear
- Perspiration port • Easy to adjust, 3-piece sliding suspension
- Facepiece replacement parts are available • Available in three sizes

Recommended use:

Ideal for limited use and limited life applications without sacrificing comfort and fit.



Cartridges not included



| Order No. | Mfg. No. | Description |
|---------------|----------|---|
| SAM214 | 301000 | Basic Facepiece Assembly, Small T-series |
| SAM215 | 302000 | Basic Facepiece Assembly, Medium T-series |
| SAM216 | 303000 | Basic Facepiece Assembly, Large T-series |

SURVIVAIR® PREMIER® HALF-MASK

Low breathing resistance for maximum comfort. One of the easiest breathing respirators of its type, the *Survivair*® *Premier*® incorporates a perspiration port to reduce facepiece slippage and skin irritation. This high quality, silicone respirator includes a soft sealing flange with rolled edges for increased wearer comfort.

- Elastic head straps adjust at the crown for easy fit and unobstructed vision
- Low profile nosepiece allows for compatibility with eyewear
- Lower breathing resistance than most other available models
- Available in three sizes

Recommended use:

Ideal for professional users seeking comfort. Low breathing resistance for maximum comfort.



Cartridges not included



| Order No. | Mfg. No. | Description |
|---------------|----------|---------------------------------|
| SAM217 | 311000 | Basic Assembly, Small T-series |
| SAM218 | 312000 | Basic Assembly, Medium T-series |
| SAM219 | 313000 | Basic Assembly, Large T-series |

SURVIVAIR® PREMIER® PLUS HALF-MASK

Triple flange design = superior fit, comfort and protection. The *Survivair*® *Premier*® Plus is our top-of-the-line half-mask respirator. Made of soft silicone, it is extremely comfortable, flexible and durable. A triple flange fits a wide variety of facial types.

- Wide, wraparound, pleated silicone facepiece fits a large variety of facial types
- Lateral placement of exhalation valve and cartridge ports enhances field of vision
- Cradle suspension with four-point floating yoke eliminates pressure points to enhance comfort
- Available in two sizes: Small and medium/large

Recommended use:

A triple flange design provides the ultimate in comfort and superior fit for extended wear.



Cartridges not included



| Order No. | Mfg. No. | Description |
|---------------|----------|---------------------------------------|
| SAM220 | 321000 | Basic Assembly, Small T-series |
| SAM221 | 322000 | Basic Assembly, Medium/Large T-series |

SURVIVAIR® OPTI-FIT™ FULL FACEPIECE

Optimum fit, comfort and superior optics in a full face respirator. The *Opti-Fit*™ offers the ultimate in performance and affordability. With features usually reserved for more expensive respirators, the *Opti-Fit*™ can help you get the most from your respiratory protection budget. *Opti-Fit*™ features a distortion-free lens with exceptional view. Lightweight construction reduces head and neck stress even during extended wear. Three sizes fit almost any facial type.

- Full-feature respirator priced at nearly half the cost of traditional full facepieces

- Comfortable, durable silicone skirt and five-strap suspension
- Nose cup is a standard feature to prevent fogging
- Lens is replaceable and treated with an anti-scratch coating
- Easily converts to CF SAR
- Available accessories include clear and tinted lens covers, head strap and neck strap kits, spectacles kit, anti-fog wipes and anti-fog solution



Cartridges not included



| Order No. | Mfg No. | Description |
|-----------------|---------|-------------|
| S-SERIES | | |
| SAM922 | 752000 | Small |
| SAM923 | 762000 | Medium |
| SAM924 | 772000 | Large |
| T-SERIES | | |
| SAM925 | 758000 | Small |
| SAM926 | 768000 | Medium |
| SAM927 | 778000 | Large |

SURVIVAIRMAX™ FULL FACEPIECE

Maximize your choice of headgear. *SurvivairMax*™ respirators offer an excellent field of vision, maximizing safety, comfort and wearer acceptance. Available with a choice of three headgear styles - five-strap, *Tite-Seal*® or non-slip mesh for hard hat use.

- High-grade soft silicone facepieces available in three sizes
- Double-scaling flange for optimum fit
- Distortion-free lens with anti-fog and anti-scratch coatings provide outstanding optical clarity in the most demanding environments
- Simple disassembly and reassembly for ease of maintenance
- Optional floating prescription lens insert for spectacle wearers
- Economy-version also available
- Available accessories include clear and tinted lens covers, head strap and neck strap kits, spectacles kit, anti-fog wipes and anti-fog solution



Cartridges not included



| Order No. | Mfg No. | Description |
|---------------------------|---------|---------------------------|
| S-SERIES (ECONOMY) | | |
| SAM223 | 801500 | Small, 5-Strap |
| SAM224 | 802500 | Medium, 5-Strap |
| SAM225 | 803500 | Large, 5-Strap |
| T-SERIES (ECONOMY) | | |
| SAN366 | 851000 | Small, 5-Strap |
| SAN367 | 852000 | Medium, 5-Strap |
| SAN368 | 823000 | Large, 5-Strap |
| T-SERIES (REGULAR) | | |
| SAM226 | 821000 | Small, 5-Strap |
| SAM227 | 822000 | Medium, 5-Strap |
| SAM228 | 823000 | Large, 5-Strap |
| SAM229 | 831000 | Small <i>Tite-Seal</i> ™ |
| SAM230 | 832000 | Medium <i>Tite-Seal</i> ™ |
| SAM231 | 833000 | Large <i>Tite-Seal</i> ™ |
| SAM232 | 841000 | Small, Mesh |
| SAM233 | 842000 | Medium, Mesh |
| SAM234 | 843000 | Large, Mesh |



CARTRIDGES AND FILTERS

We have your application covered with a full range of air purifying cartridges and filters!



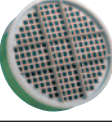

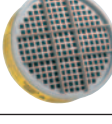

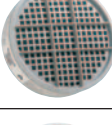

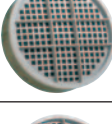

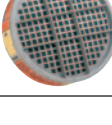

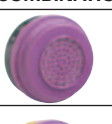





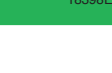



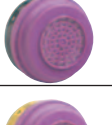





The introduction of 42CFR 84 NIOSH approved filters and combination cartridges for the *ValuAir*® Plus, *Premier*® and *Premier*® Plus Series represent the latest in air purifying technology. Choose from the contaminant specific styles or *Uni-Sorb*™ multi-use cartridge engineered to meet NIOSH standards for multiple contaminant exposures. All cartridges feature the audible locking bayonet connection for confirmed attachment. Designed to offer low inhalation resistance for easier breathing and less fatigue and a low profile that won't interfere with vision. Combination cartridges also available. Sold in pairs. Retainer covers are to be used with cartridge and filter. Filter base is to be used with retainer cover.



LOW PROFILE P100 FILTER

Workers breathe easier in the lightweight filter.

Offers the lowest breathing resistance of any small P100 filter in the industry. Its lightweight, ultra-low profile and sophisticated design features combine to make it the ideal choice for applications that require high-efficiency protection from particulate contaminants. Provides a minimum of 99.97% filter efficiency against a wide range of oil and non-oil based particles, including lead, asbestos, cadmium and other contaminants. Use this versatile filter for welding, brazing, metal pouring, torch cutting, soldering, pharmaceutical manufacturing or other applications. Bayonet-style cartridge connections eliminate the potential for cross-threading cartridges. Cartridge fits the *Opti-fit*™ respirators and the *Survivair*™ 8000 series full facepiece respirators.

| Description | Approval For | NIOSH Approval No. | Order No. | Mfg. No. | Pairs /Case | |
|---|--|---|---|----------|-------------|---|
| CARTRIDGES, SOLD PER PAIR | | | | | | |
|  | Organic Vapours |  | TC-23C-737 (Half-Mask) | SAM265 | T100100 | 3 |
| | | | TC-23C-1890 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Ammonia/Methylamine |  | TC-23C-287 (Half-Mask) | YB579 | B100100 | 3 |
| | | | TC-23C-1782 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Organic Vapours / Chlorine Hydrogen Chloride / Sulfur Dioxide Hydrogen Fluoride Hydrogen Sulfide (escape) |  | TC-23C-735 (Half-mask) | SAM268 | T100400 | 3 |
| | | | TC-23C-1897 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Chlorine / Hydrogen Chloride Sulfur Dioxide / Hydrogen Sulfide (escape) Formaldehyde |  | TC-23C-422 (Half-Mask) | SAM934 | B100400 | 3 |
| | | | TC-23C-1785 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Organic Vapours / Chlorine Hydrogen Chloride / Sulfur Dioxide / Chlorine Dioxide / Hydrogen Fluoride / Hydrogen Sulfide (escape) / Formaldehyde |  | TC-23C-736 (Half-mask) | SAM267 | T100300 | 3 |
| | | | TC-23C-1898 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Chlorine / Hydrogen Chloride Sulfur Dioxide / Hydrogen Sulfide (escape) Formaldehyde |  | TC-23C-318 (Half-Mask) | SAM933 | B100300 | 3 |
| | | | TC-23C-1784 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Organic Vapours / Ammonia / Methylamine / Chlorine / Hydrogen Chloride / Sulfur Dioxide / Chlorine Dioxide / Hydrogen Fluoride / Hydrogen Sulfide (escape) / Formaldehyde |  | TC-23C-741 (Half-mask) | SAM266 | T100200 | 3 |
| | | | TC-23C-1899 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Organic Vapours / Ammonia / Methylamine / Chlorine / Hydrogen Chloride / Sulfur Dioxide / Chlorine Dioxide / Hydrogen Fluoride / Hydrogen Sulfide (escape) / Formaldehyde |  | TC-23C-430 (Half-Mask) | SAM932 | B100200 | 3 |
| | | | TC-23C-1783 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Mercury Vapours or Chlorine |  | TC-23C-1725 (Half-mask) | SAM212 | T100800 | 3 |
| | | | TC-23C-1900 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Mercury Vapours or Chlorine |  | TC-23C-1803 (Half-Mask) | SAM936 | 100800 | 3 |
| | | | TC-23C-1806 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
| | Mercury Vapours or Chlorine |  | TC-23C-1935 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | SAM270 | T100600 | 3 |
| | | | TC-23C-1483 (Half-Mask) | | | |
| | Mercury Vapours or Chlorine |  | TC-23C-1786 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | SAM935 | 100600 | 3 |
| | | | TC-23C-1786 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
| COMBINATION CARTRIDGES, SOLD PER PAIR | | | | | | |
|  | Organic Vapours |  | TC-84A-238 (Half-mask) | SAM273 | T105110 | 2 |
| | | | TC-84A-2650 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Organic Vapours Chlorine / Sulfur Dioxide Chlorine Dioxide Hydrogen Fluoride / Hydrogen Sulfide (escape) P100 |  | TC-84A-242 (Half-mask) | SAM274 | T105310 | 2 |
| | | | TC-84A-2652 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |
|  | Organic Vapours / Ammonia Methylamine / Chlorine Hydrogen Chloride / Sulfur Dioxide / Chlorine Dioxide / Hydrogen Fluoride / Hydrogen Sulfide (escape) / Formaldehyde P100 |  | TC-84A-246 (Half-mask) | SAM275 | T105810 | 2 |
| | | | TC-84A-2654 (<i>Opti-Fit</i> ™, <i>SurvivairMax</i> ™) | | | |



Respiratory



FILTERS, SOLD PER PAIR

| Cartridges | Description | Approval For | NIOSH Approval No. | Order No. | Mfg. No. | Pairs /Case |
|------------|--|--|--|---------------|----------|-------------|
| | N95, Solid and Non-Oil Based Aerosol | 95% efficient against particulate aerosols free of oil | TC-84A-629 (Half-mask) TC-84A-2632 (<i>Opti-Fit™, SurvivairMax™</i>) | SAM277 | T106010 | 12 |
| | | | TC-84A-1427 (Half-Mask) TC-84A-1420 (<i>Opti-Fit™, SurvivairMax™</i>) | SAM938 | 106010 | 12 |
| | N99, Solid and Non-Oil Based Aerosol | 95% efficient against particulate aerosols free of oil | TC-84A-735 (Half-mask) TC-84A-2638 (<i>Opti-Fit™, SurvivairMax™</i>) | SAM278 | T107010 | 12 |
| | | | TC-84A-1806 (Half-Mask) TC-84A-1799 (<i>Opti-Fit™, SurvivairMax™</i>) | SAM939 | 107010 | 12 |
| | P95, Solid, Liquid Aerosol and Oil Mist | 95% efficient against all particulate aerosols | TC-84A-4182 (Half-mask) TC-84A-4124 (<i>Opti-Fit™, SurvivairMax™</i>) | SAO702 | T117010 | 12 |
| | | | TC-84A-236 (Half-mask) TC-84A-2649 (<i>Opti-Fit™, SurvivairMax™</i>) | SAM272 | T105005 | 5 |
| | P100 HEPA, Solid Liquid Aerosol and Oil Mist | 99.97% efficient against all particulate aerosols | TC-84A-1239 (Half-Mask) TC-84A-1242 (<i>Opti-Fit™, SurvivairMax™</i>) | SAM937 | 105005 | 5 |

ACCESSORIES, SOLD INDIVIDUALLY

| Cartridges | Description | Approval For | Order No. | Mfg. No. | Qty /Case |
|------------|-----------------------|---|---------------|----------|-----------|
| | Filter Retainer Cover | <i>Valuair®</i> , <i>Premier®</i> , <i>Premier® Plus</i> and <i>SurvivairMax™</i> respirators | SAM259 | 14900975 | 10 |
| | Filter Base | <i>Valuair®</i> , <i>Premier®</i> , <i>Premier® Plus</i> and <i>SurvivairMax™</i> respirators | SAM257 | 14900578 | 10 |

We are Pleased to Offer the Complete Line of

Bacou-Dalloz Personal Protection Equipment.

uvex®



WILSON



WILLSON®
RESPIRATORY



Bilsom®



HOWARD LEIGHT
HEARING PROTECTION



MILLER®



optrel®





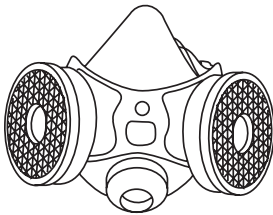
Filter Definitions:

- N - For solid particulates and non-oil aerosols
- R - For solid particulates and degrading oil-based aerosols. "Use Limitations"
- P - For all solid particulates and degrading oil-based aerosols

Three minimum efficiency levels: 95%, 99%, 99.97%

- 95% Minimum efficient - N95, R95, or P95
- 99% Minimum efficient - N99, R99, or P99
- 99.97% Minimum efficient - N100 or P100

Half Mask Respirator



Particulate Filters

- N95
- N99
- N100
- P95
- P99
- P100
- R95
- R99



System may vary depending on manufacturer. Please contact us for more information.

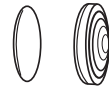
Chemical Cartridges

- Organic Vapour
- Acid Gas
- Ammonia & Methylamine
- Organic Vapour & Acid Gas
- Formaldehyde
- Mercury Vapour & Chlorine
- Multi-Gas

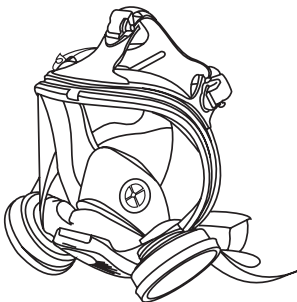


Particulate Prefilter for Chemical Cartridges

- N95
- N99
- N100
- P95
- P99
- P100
- R95
- R99
- Filter Cover



Full Face Respirator



Chemical / P100 Particulate Combination Cartridges

- Organic Vapour/P100
- Acid Gas/P100
- Ammonia & Methylamine/P100
- Organic Vapour & Acid Gas/P100
- Formaldehyde/P100
- Mercury Vapour & Chlorine/P100
- Multi-Gas/P100



RESPIRATOR CHARACTERISTICS, CAPABILITIES AND LIMITATIONS

A respirator may not be able to help protect against all of the contaminants present in a particular work environment. Specific limitations are stated on the approval labels and are included with use instructions and limitations. These must be carefully reviewed for each respirator before use. Refer to respirator packaging or operating manuals for specific information.



Respiratory

3M™ MAINTENANCE-FREE PAINT SPRAY/PESTICIDE RESPIRATOR

5000 series respirator offers workers greater comfort, convenience and performance. Pre-assembled so there are no spare parts to replace. The cradle suspension holds the respirator in place with minimal pressure to the back of the worker's neck and the bridge of his or her nose. Features a low profile facepiece with organic vapour cartridge for a wider field of vision and even greater comfort while wearing glasses or goggles. Available in three custom sized designs: in small, medium or large for maximum comfort. Includes the **5000 series** half mask plus the added protection of an easy-to-install prefilter that is approved for paint spray, pesticides and particulates. Packaged with one pair of 5P71 P95 prefilter and one pair of prefilter retainers. NIOSH approved.



3M™ MAINTENANCE-FREE GAS AND VAPOUR RESPIRATORS

Provides the same features as the maintenance-free paint spray/pesticide respirators. The respirators are colour coded by size and NIOSH/MSHA approved. Replaceable prefilters eliminate the need to replace the entire respirator.



| Order No. | Mfg. No. | Size |
|--|----------|--------|
| ORGANIC VAPOUR NIOSH/MSHA APPROVAL NO. TC-23C-859 | | |
| SI937 | 5101 | Small |
| SI938 | 5201 | Medium |
| SI939 | 5301 | Large |
| ORGANIC VAPOUR/ACID GAS NIOSH/MSHA APPROVAL NO. TC-23C-865 | | |
| SI940 | 5103 | Small |
| SI941 | 5203 | Medium |
| SI942 | 5303 | Large |
| MULTI GAS & VAPOUR RESPIRATOR NIOSH/MSHA APPROVAL NO. TC-23C-1768 | | |
| SI943 | 5106 | Small |
| SI944 | 5206 | Medium |
| SI945 | 5306 | Large |





| Order No. | Mfg. No. | Size |
|--------------|----------|--------|
| SE884 | 51P71 | Small |
| SE406 | 52P71 | Medium |
| SE885 | 53P71 | Large |



PREFILTERS AND ACCESSORIES

5N11 N95 Particulate Prefilter: NIOSH certified prefilters offer particulate protection against certain non-oil containing aerosols. Minimum 95% filter efficiency. Advanced filter construction reduces linting, helping to ensure exacting results during painting and refinishing operations. Low-profile and lightweight design for improved comfort and worker acceptance. For use on 6000 series cartridges with prefilter retainer. Use for solids and non-oil based particles including paint sprays (with appropriate gas and vapour cartridges).

5P71 P95 Particulate Prefilter: Offers simplicity and ease of use while helping to provide reliable worker protection against certain oil and non-oil containing aerosols. NIOSH certified for providing a minimum filter efficiency of 95%. P-series filter features Advanced Electret Media, appropriate for both oil and non-oil containing environments with extended time use limitations. Advanced electrostatically charged microfibrils allow for a low profile design and easier breathing filter. Can be used with 6000 series cartridges with prefilter retainer.

| Filters, sold per pkg. | Description | Approval For | Order No. | Mfg. No. | Qty /Pkg. |
|---|--------------------|---|--------------|----------|-----------|
|  | 5N11 N95 Prefilter | Solids and non-oil based particles including paint sprays with appropriate gas and vapour cartridges. | SE913 | 5N11 | 10 |
|  | 5P71 P95 Prefilter | Oil and non-oil based particles including paint sprays and pesticides with appropriate gas and vapour cartridges. | SE914 | 5P71 | 10 |

ACCESSORIES, Sold per package

| | | | | | |
|---|--------------------|--|---------------|-----|---|
|  | Prefilter Retainer | Use with N95 and P95 prefilters. | SE915* | 501 | 1 |
|  | Prefilter Adaptor | Use with 2071 (SE906) or 2091 (SE909) filters or 7093 (SE912) hard shell filter. | SE916* | 502 | 1 |

* Sold individually. Need two retainers or adaptors per respirator.





3M™ 6000 SERIES HALF FACEPIECE LOW-MAINTENANCE RESPIRATORS

HALF MASK RESPIRATORS

The 6000 Series respirator is the lightest half mask respirator available. The soft, thermoplastic facepiece is extremely comfortable and the easy-to-adjust headstraps add to worker comfort. Low profile design gives workers better visibility and permits comfortable wearing of safety glasses. Just dispose of the cartridges/filters when used to capacity. The facepiece can be used over and over by simply washing as directed. NIOSH/MSHA approved in three facepiece sizes. Supplied with reclosable storage bag.



| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| SE886 | 6100 | Small |
| SE887 | 6200 | Medium |
| SE888 | 6300 | Large |



REPLACEMENTS PARTS, Sold per package

| Order No. | Mfg. No. | Description | Qty/Pkg. |
|-----------|----------|--------------------|----------|
| SAI579 | 6889 | Exhalation Valves | 10 |
| SR188 | 6893 | Inhalation Valves | 40 |
| SR190 | 6895 | Inhalation Gaskets | 20 |
| SAI583 | 6281 | Head Harness | 5 |

3M™ 7500 SERIES ULTIMATE REUSABLE HALF FACEPIECE RESPIRATORS

- Advanced silicone material provides a softer feel on the face
- Unique adjustment design helps reduce pressure points on the face
- Dual-mode head harness, option of wearing in traditional or drop-down mode
- Durable and heat resistant plastics
- Cool Flow™ exhalation valve for easier breathing and helps reduce heat and moisture build-up



REPLACEMENT PARTS FOR 7500 SERIES RESPIRATORS



| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| SAG264 | 7501 | Small |
| SAG265 | 7502 | Medium |
| SAG266 | 7503 | Large |

| Order No. | Mfg. No. | Description | Qty /Pkg. |
|-----------|----------|--------------------------|-----------|
| SAI635 | 7581 | Head Harness | 5 |
| SAI636 | 7582 | Inhalation Valves | 10 |
| SAI637 | 7583 | Exhalation Valves | 10 |
| SAI638 | 7586 | Cartridge Filter Holders | 5 |

Quick Reference Guide



| | Cool Flow™ Valve | M-Nose Clip | Face Seal | Advanced Electret Media | Odour-Removing Filter Material | Cake Resistant Filter Material | Straps | P Series Filter |
|--|------------------|-------------|-----------|-------------------------|--------------------------------|--------------------------------|--------|-----------------|
| | | | | | | | | |

| Order No. | Mfg. No. | Class | Description | Cool Flow™ Valve | M-Nose Clip | Face Seal | Advanced Electret Media | Odour-Removing Filter Material | Cake Resistant Filter Material | Straps | P Series Filter |
|-----------|----------|-------|-----------------------------------|------------------|-------------|-----------|-------------------------|--------------------------------|--------------------------------|--------|-----------------|
| SE906 | 2071 | P95 | Filter | | | | ✓ | | | | |
| SE907 | 2076HF | P95 | Filter with Hydrogen Fluoride | | | | ✓ | ✓ | | | ✓ |
| SE908 | 2078 | P95 | Filter with Acid Gases Relief | | | | ✓ | ✓ | | | ✓ |
| SE909 | 2091 | P100 | Filter | | | | ✓ | | | | ✓ |
| SE910 | 2096 | P100 | Filter with Acid Gases Relief | | | | ✓ | ✓ | | | ✓ |
| SE911 | 2097 | P100 | Filter with Organic Vapour Relief | | | | ✓ | ✓ | | | ✓ |
| SE912 | 7093 | P100 | Hard shell Filter | | | | ✓ | | | | ✓ |



Respiratory

3M™ 6000 SERIES FULL FACEPIECE RESPIRATORS

Providing low-maintenance, user comfort, convenience and easier breathing

UNIQUE CENTRE ADAPTER

- Directs exhaled breath and moisture downward
- Smooth surface allows for quick and easy cleaning
- Helps reduce debris from depositing in valve areas
- Meets NIOSH requirements

3M™ COOL FLOW™ EXHALATION VALVE

- Cool Flow™ valve design helps make breathing easier
- Helps reduce heat and moisture build-up in the facepiece
- Helps provide cool, dry comfort

LENS

- Wide field of vision helps provide excellent visibility
- Integrated optical correction limits distortion as you look from left to right

COMFORT

- Lightweight, well-balanced
- Silicone face seal enhances comfort and durability
- Available in three sizes (small, medium, large) to comfortably fit many face sizes

| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| SE889 | 6700 | Small |
| SE890 | 6800 | Medium |
| SE891 | 6900 | Large |



Cartridges not included



ACCESSORIES FOR FULL FACEPIECE RESPIRATORS

| Order No. | Mfg. No. | Description | Qty/Pkg. |
|-----------|----------|--------------------|----------|
| SAI578 | 6878 | Spectacle Kit | 1 |
| SI946 | 6885 | Clear Lens Covers | 25 |
| SI947 | 6886 | Tinted Lens Covers | 25 |

REPLACEMENTS PARTS FOR FULL FACEPIECE, Sold per package

| Order No. | Mfg. No. | Description | Qty/Pkg. |
|-----------|------------|-------------------------|----------|
| SAI579 | 6889 | Exhalation Valves | 10 |
| SAN499 | 6864/37000 | Center Adapter Assembly | 1 |
| SR188 | 6893 | Inhalation Valves | 40 |
| SAI581 | 6894 | Nosecup Assembly | 1 |
| SR190 | 6895 | Inhalation Gaskets | 20 |
| SR189 | 6897 | Head Harness Assembly | 1 |
| SAI584 | 6898 | Lens Assembly | 1 |
| SAI585 | 6899 | Lens Frame Kit | 1 |

3M™ 7800 SERIES FULL FACEPIECE RESPIRATORS

- Double-flap face seal
- Nosecup and six adjustable straps (two overhead straps)
- Silicone facepiece with large face shield for excellent visibility
- Scratch-resistant polycarbonate lens
- Speaking diaphragm for easy, clear communications
- Lens covers are also available
- Tinted lens is for outdoor use



| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| SG534 | 7800(S) | Small |
| SG535 | 7800(M) | Medium |
| SG536 | 7800(L) | Large |

REPLACEMENTS PARTS FOR FULL FACEPIECE, Sold per package

| Order No. | Mfg. No. | Description | Qty/Pkg. |
|-----------|----------|-------------------------------|----------|
| SAI640 | 7282 | Inhalation Valves | 50 |
| SAI641 | 7283 | Exhalation Valves | 10 |
| SAI639 | 701 | Cartridge Filter Adapters | 2 |
| SR190 | 6895 | Inhalation Gaskets | 20 |
| SAI642 | 7884 | Lens | 1 |
| SAI643 | 7885 | Frame Kit for Lens | 1 |
| SAI644 | 7887 | Gaskets for Inhalation Valves | 2 |
| SAF820 | 7893S | Head Strap Assembly | 1 |

ACCESSORIES FOR FULL FACEPIECE RESPIRATORS, Sold per package

| Order No. | Mfg. No. | Description | Qty/Pkg. |
|-----------|----------|--------------------|----------|
| SAI645 | 7894 | Spectacle Kit | 1 |
| SI948 | 7899-25 | Clear Lens Covers | 25 |
| SI949 | 7986 | Tinted Lens Covers | 25 |





3M™ 6000 & 7000 SERIES REPLACEMENT CARTRIDGES



| Sold per package Cartridges | Description | Approval For | NIOSH Approval | Order No. | Mfg. No. | Qty /Pkg. |
|---|--|--|-------------------|--------------|-------------|--------------|
|  | Organic Vapours | Organic Vapours | TC-23C-1769 | SE892 | 6001 | 2 |
|  | Acid Gas | Chlorine/Hydrogen Chloride/ Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Sulfide (escape only) | TC-23C-1770 | SE893 | 6002 | 2 |
|  | Organic Vapours/ Acid Gas | Organic Vapours/Chlorine/Hydrogen Chloride/Sulfur Dioxide/Hydrogen Fluoride/ Hydrogen Sulfide (escape only) | TC-23C-1771 | SE894 | 6003 | 2 |
|  | Ammonia/ Methylamine | Ammonia/Methylamine | TC-23C-1772 | SE895 | 6004 | 2 |
|  | Formaldehyde/ Organic Vapours | Formaldehyde/Organic Vapours | TC-23C-1773 | SE896 | 6005 | 2 |
|  | Multi-Gas/ Vapour | Organic Vapours/Chlorine/Chlorine Dioxide/ Hydrogen Chloride/ Sulfur Dioxide//Hydrogen Fluoride/Hydrogen Sulfide (escape only)/ Ammonia/Methylamine/Formaldehyde | TC-23C-1774 | SE897 | 6006 | 2 |
|  | Mercury Vapour/ Chlorine Gas | Mercury Vapour/Chlorine | TC-23C-1775 | SE898 | 6009 | 2 |
|  | Organic Vapours/ P100 | Organic Vapours permanently pre-attached P100 prefilter* | TC-84A-0699 | SE899 | 60921 | 2 |
|  | Acid Gas/P100 | Chlorine/Hydrogen Chloride Sulfur Dioxide/Chlorine Dioxide/Hydrogen Sulfide (escape only) permanently pre-attached P100 prefilter* | TC-84A-0700 | SE900 | 60922 | 2 |
|  | Organic Vapour/ Acid Gas/P100 | Organic Vapours/Chlorine/Hydrogen Chloride/Sulfur Dioxide/Hydrogen Fluoride/Hydrogen Sulfide (escape only) permanently pre-attached P100 prefilter* | TC-84A-0701 | SE901 | 60923 | 2 |
|  | Ammonia/ Methylamine/P100 | Ammonia/Methylamine/permanently pre-attached P100 prefilter* | TC-84A-0702 | SE902 | 60924 | 2 |
|  | Formaldehyde/ Organic Vapour/ P100 | Formaldehyde/Organic Vapours/ permanently pre-attached P100 prefilter* (OSHA regulations require gas proof goggles be worn with half mask respirators when used against formaldehyde) | TC-84A-0703 | SE903 | 60925 | 2 |
|  | Multi-Gas/ Vapour/P100 | Organic Vapours/Chlorine/Chlorine Dioxide/Hydrogen Chloride/Ammonia/Methylamine/ Sulfur Dioxide/Hydrogen Fluoride/Hydrogen Sulfide (escape only)/ Formaldehyde/permanently pre-attached P100 prefilter* | TC-84A-0704 | SE904 | 60926 | 2 |
|  | Mercury Vapour/ Chlorine/P100 | Mercury Vapour/Chlorine/permanently pre-attached P100 prefilter* | TC-84A-0706 | SE905 | 60929 | 2 |

*At least 99.97% efficient against solid and liquid aerosols including oils



Respiratory

3M™ FILTERS

2071 P95 Particulate Filter: Features advanced filtration technology which provides a lightweight, easy breathing combination not found in fibreglass containing filters. Well suited for a wide range of oil and non-oil based particulate contaminants. Certified to have at least 95% filter efficiency against solid and liquid particles. This filter is ideal for grinding, welding, sanding, sawing, sweeping, bagging or as a prefilter for certain chemical exposures.

2076HF P95 Particulate/Hydrogen Fluoride with Nuisance Level Acid Gas Relief: Features 3M™ Advanced Electret Media making it easier to breathe. Suited for a wide range of oil and non-oil based particulate contaminants, hydrogen fluoride and nuisance levels of acid gases. Hydrogen Fluoride gas up to 10 times OSHA PEL. Acid gases such as sulfur dioxide and/or chlorine below the OSHA PEL or applicable government standards, whichever is lower against solid and liquid particles and metal fumes produced from welding, brazing, cutting and other operations involving heating of metals.

2078 P95 Particulate Filter with Nuisance Level Acid Gas and Organic Vapour Relief: Certified to have at least 95% filter efficiency. It is excellent for environments where oil and non-oil based particles are present, as well as with low levels (below OSHA PEL) of certain nuisance level organic vapours and acid gases. Features Advanced Electret Media technology providing a lightweight and easy breathing combination. Filter contains no components made from fibreglass.

2091 P100 Filter: Has been certified by NIOSH as being 99.97% efficient at removing solid and liquid particles including those containing oil. Its lightweight, flexible, easy breathing design makes this an ideal filter to use for welding, grinding, lead and asbestos abatement.

2096 P100 Particulate Filter with Nuisance Level Acid Gas Relief: Has been certified as being 99.97% efficient at removing solid and liquid particles including those containing oil. A chemical absorbent provides relief from nuisance level (below OSHA PEL or applicable government standards, whichever is lower) odours generated from








chlorine, sulfur dioxide and hydrogen fluoride. Used in aluminum reduction, chemical processing, coal fired plants, glass etching, paper mills and the petrochemical industry.

2097 P100 Particulate Filter with Nuisance Level Organic Vapour Relief: Certified as being 99.97% efficient at removing solid and liquid particles including those containing oil. Used largely for welding, this filter is recommended for ozone protection up to 10 times OSHA PEL and welding odour relief. Chemical absorbent removes organic vapour/welding odours below the OSHA PEL or applicable government standards, whichever is lower.

7093 P100 Hard Shell Filter: Low-profile, compact design helps provide workers with an improved field of vision. Versatile filter for protection against many airborne particles including dusts, fumes, mists, radionuclides, asbestos-containing dusts and mists. Certified as being 99.97% efficient at removing solid and liquid particles including those containing oil. Can be used with a variety of facepieces, both in half face and full face configurations.



2000 SERIES/HARD SHELL FILTERS

| Filters | Description | Approval For (Possible Applications) | Order No. | Mfg. No. | Qty /Pkg. | Sold per package |
|---|---|--|--------------|-------------|--------------|------------------|
|  | 2071 P95 Filter | Grinding, sanding, bagging, welding, other oily/dusty operations. At least 95% efficient against solid and liquid particles including those containing oil. | SE906 | 2071 | 2 | |
|  | 2076HF P95 Filter w/Hydrogen Fluoride | Aluminum smelting, glass etching, chemical manufacturing. At least 95% efficient against solid and liquid particles including those containing oil. | SE907 | 2076HF | 2 | |
|  | 2078 P95 Filter w/Organic Vapour and Acid Gas | Chemical manufacturing, welding, aluminum smelting. At least 95% efficient against solid and liquid particles including those containing oil. | SE908 | 2078 | 2 | |
|  | 2091 P100 Filter | Welding, pharmaceutical manufacturing. OSHA substance specific*. At least 99.97% efficient against solid and liquid particles including those containing oil. | SE909 | 2091 | 2 | |
|  | 2096 P100 Filter w/Acid Gas | Utility operations, chemical manufacturing aluminum smelting, OSHA substance specific*. At least 99.97% efficient against solid and liquid particles including those containing oil. | SE910 | 2096 | 2 | |
|  | 2097 P100 Filter w/Organic Vapour | Welding, metal foundry, chemical manufacturing undercoating operations, pharmaceutical manufacturing, OSHA substance specific*. At least 99.97% efficient against solid and liquid particles including those containing oil. | SE911 | 2097 | 2 | |
|  | 7093 P100 Hard Shell Filter | Welding, pharmaceutical manufacturing, OSHA substance specific*. At least 99.97% efficient against solid and liquid particles including those containing oil. | SE912 | 7093 | 1 | |

* Such as lead abatement, cadmium, arsenic.



3M™ 3000 SERIES MONITORS

The 3M™ 3000 Series Monitors are simple devices that meet and exceed OSHA accuracy requirements.

The overall accuracy for each monitor is ± 25% at a 95% confidence level. Instead of using a mechanical pump to move the air to a sample collection point, the 3000 series uses diffusion. The following 3M™ monitors can be analyzed in your own lab or you can send them back to 3M™ for analysis. These monitors can help save time and money. 3M™ will provide complete procedures for in-house analysis. Optional prepaid 3M™ analysis packages are available upon request.

DO NOT USE FOR:

- Ammonia, Carbon Monoxide; Ethylene Oxide*; Formaldehyde**; Hydrogen Sulfide; Isocyanates; Methane; Ethane; Propane; Methyl Alcohol (Methanol); Methyl Chloride; Methyl, Dimethyl, Trimethyl Amines; Organic Solids; Sulfur Dioxide
- Reactive or polar compounds such as amines, phenols, aldehydes and low molecular weight alcohols
- Extremely low concentrations within a sampling period of less than 8 hours
- Particulates

* Ethylene Oxide can be monitored using an Ethylene Oxide Monitor

**Formaldehyde can be monitored using a Formadehyde Monitor



ORGANIC VAPOUR MONITOR

Single charcoal sorbent wafer for easy collection of organic vapours. Analysis by gas chromatography. Sampling and analysis guide for over 128 vapours available.

Order No. SI950



ETHYLENE OXIDE MONITOR

Designed for sampling personnel or work areas in the pharmaceutical, health care and chemical industries.

Order No. SI951



FORMALDEHYDE MONITOR

Monitors personnel or work areas in health care, laboratories, and in the chemical, pulp/paper, foundry and textile industries. Not acceptable for STEL monitoring.

Order No. SI952



| Order No. | Mfg. No. | Description |
|-----------|----------|------------------------|
| SI950 | 3500 | Organic Vapour Monitor |
| SI951 | 3551 | Ethylene Oxide Monitor |
| SI952 | 3721 | Formaldehyde Monitor |

ANTISEPTIC RESPIRATOR WIPE PADS

Used to clean and disinfect respirators and/or other personal protective equipment. Choice of two styles. Standard wipes are for use on facepieces and general clean-up after use. 5" x 8" towelettes are individually packaged, 100 per dispenser box. Available with 70% isopropyl alcohol, or alcohol free. *DisCide*® disinfecting towelettes is proven to kill TB, HIV and Herpes in one minute. Ensures no infectious disease is transferred from mask to face. **Sold per package**

| Model No. | Mfg. No. | Description | Wipes/Pkg. | Pkg/Case |
|-----------|----------|--|------------|----------|
| SD734 | 759700 | Standard wipes, 70% alcohol | 100 | 10 |
| SD735 | 759701 | Standard wipes, alcohol free | 100 | 10 |
| SD736 | 759702 | <i>DisCide</i> ® Towelettes | 160 | 12 |
| SD737 | 759703 | Plastic wall bracket for <i>DisCide</i> ® canister | | |



3M™ RESPIRATOR CLEANING WIPES

Used to clean 3M™ elastomeric facepiece respirators. 8" x 10" towelettes are alcohol free and will not damage the facepiece materials. Individually packaged. 100/box. **Sold per box**

Order No. SAI530
Mfg. No. 504





Respiratory

ADVANTAGE® 3000 RESPIRATORS

- Full-face respirator features a wraparound lens combined with a soft, pliable silicone facepiece
- For the utmost in convenience, Advantage® 3000 uses the same cartridges and filters as the Advantage® 200 LS respirator
- Lower breathing resistance; includes a standard noseclip that reduces fogging in low temperatures or high humidity conditions
- Scratch-resistant coating; has been engineered to be optically correct, giving you superior visibility and peripheral vision
- Pre-adjustable straps for a consistent fit, time after time
- Choose between standard rubber harness or Advantage® harness that dons like a catcher's mask
- Meets the performance requirements of ANSI Z87.1.2003



| Order No. | Mfg. No. | Size |
|-------------------------------------|----------|--------|
| WITH STANDARD RUBBER HARNESS | | |
| SAG064 | 10028996 | Small |
| SAG065 | 10028995 | Medium |
| SAG066 | 10028997 | Large |
| WITH ADVANTAGE® HARNESS | | |
| SAM909 | 10031340 | Small |
| SAM910 | 10031309 | Medium |
| SAM911 | 10031341 | Large |

COVER LENS

- Clear, flexible cover lens protects facepiece lens from scratches
- Package of 25, **sold per package**

| Order No. | Mfg. No. | Description |
|-----------|----------|------------------|
| SAM912 | 10031542 | Clear, pkg of 25 |
| SAM913 | 10031543 | Smoke, pkg of 25 |

ADVANTAGE® 1000 RESPIRATORS

- Full-face respirator features a flexible wraparound lens
- Offers excellent fit and comfort with increased vision
- Constructed of super-soft black Hycar™ rubber
- Provides the feel and comfort of silicone but with better permeation resistance
- Nosecup reduces lens fogging in low-temp or high-humidity conditions
- Includes a speaking diaphragm for clear, short-range communications



Cartridges not included

FLEXIBLE COVER LENS

- Clear, flexible cover lens protects facepiece lens from scratches
- Package of 25, **sold per package**

| Order No. | Mfg. No. | Description |
|-----------|----------|------------------|
| SAM914 | 813832 | Clear, pkg of 25 |

LENS SHIELDS

- For added impact protection, polycarbonate lens shield snaps into place
- For nuclear personnel, a lens shield provides an additional level of eye protection and an increased beta-radiation protection

| Order No. | Mfg. No. | Description |
|-----------|----------|-----------------------------|
| SAM915 | 806463 | Clear Shield, Small |
| SAM916 | 806462 | Clear Shield, Medium/Large |
| SAM917 | 806465 | Tinted Shield, Small |
| SAM918 | 806464 | Tinted Shield, Medium/Large |



RESPIRATORS

| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| SAG067 | 805414 | Small |
| SAG068 | 805408 | Medium |
| SAG069 | 805420 | Large |

ADVANTAGE® 200 LS RESPIRATORS

- Clear blue facepiece subtracts 25% of the weight and adds noticeable softness to give workers more comfort and stability than ever
- AnthroCurve™ sealing surface, which instantly conforms to each wearer's unique facial characteristics
- The unmatched fit and comfort start with a soft, pliable combination of rubber and plastic that provides a virtually customized fit
- Patented MultiFlex® system equalizes pressure on the face-seal area while delivering exceptional stability



| Order No. | Mfg. No. | Size |
|---------------------------|----------|--------|
| 2-PIECE NECK STRAP | | |
| SAG058 | 815696 | Small |
| SAG059 | 815692 | Medium |
| SAG060 | 815700 | Large |
| SINGLE NECK STRAP | | |
| SAG061 | 815448 | Small |
| SAG062 | 815444 | Medium |
| SAG063 | 815452 | Large |



ADVANTAGE® RESPIRATOR CARTRIDGES

- The Advantage® line of particulate, chemical and combination cartridges is NIOSH-approved (to 42 CFR, Part 84)
- Provide lightweight, low-profile performance
- Cartridges fit both 200 LS half-mask and 3000 full-facepiece Advantage® respirators
- Sold per package



| Cartridges | Order No. | Mfg. No. | MSA Cartridge Description | Description | Approval For | Notes | Qty /Pkg. |
|------------|-----------|----------|---------------------------|-----------------------------------|---|---------|-----------|
| | SAG094 | 815355 | GMA | Organic Vapours | Organic Vapours | 2, 3 | 2 |
| | SAG095 | 815362 | GMA P100 | Organic Vapours/P100 | Organic Vapours/P100 | 2, 3, 4 | 2 |
| | SAG096 | 815356 | GMB | Acid Gas | Chlorine/Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Chloride/Hydrogen Sulfide*** | 2 | 2 |
| | SAG097 | 815363 | GMB P100 | Acid Gas/P100 | Chlorine/Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Chloride/Hydrogen Sulfide*** | 2, 4 | 2 |
| | SAG098 | 815357 | GMC | Organic Vapours/ Acid Gas | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Chloride/Hydrogen Sulfide*** | 2, 3 | 2 |
| | SAG099 | 815364 | GMC P100 | Organic Vapours/ Acid Gas/P100 | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Chloride/Hydrogen Sulfide*** | 2, 3, 4 | 2 |
| | SAG100 | 815358 | GMD | Ammonia/Methylamine | Ammonia/Methylamine | 2, 3 | 2 |
| | SAG101 | 815365 | GMD P100 | Ammonia/Methylamine/P100 | Ammonia/Methylamine/P100 | 2, 3, 4 | 2 |
| | SAG102 | 815359 | GME | Multi-Gas/Vapours | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Chloride/Hydrogen Sulfide***/ Formaldehyde/Hydrogen Fluoride | 2, 3 | 2 |
| | SAG103 | 815366 | GME P100 | Multi-Gas/Vapours/ P100 | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Chloride/Hydrogen Sulfide***/ Formaldehyde/Hydrogen Fluoride/P100 | 2, 3, 4 | 2 |
| | SAG104 | 815641 | GMI P100 | Organic Vapours/P100 | Organic Vapours/P100 | 2, 4 | 2 |
| | SAG105 | 815361 | Mersorb | Chlorine/Mercury Vapours | Chlorine/Mercury Vapours | 2, 4 | 2 |
| | SAG106 | 815368 | Mersorb P100 | Chlorine/Mercury Vapours/P100 | Chlorine/Mercury Vapours/P100 | 2, 4 | 2 |
| | SAG107 | 815369 | Low-Profile P100 | P100 | 99.97% filter efficiency level against all particulate aerosols | 1, 4 | 2 |
| | SAG108 | 816357 | N95 Prefilter | N95 Prefilter | 95% filter efficiency level against particulate aerosols free of oil | | 10 |
| | SAG110 | 815392 | N95 Cover | N95 Snap-On Cover | Use with N95 prefilters | | 2 |
| | SAG109 | 815397 | R95 Prefilter | R95 Prefilter | 95% filter efficiency level against all particulate aerosols | | 2 |
| | SAG111 | 815401 | R95 Cover | R95 Snap-On Cover | Use with R95 prefilters | | 2 |

*** Escape Only

FLEXI-FILTER® PADS FOR ADVANTAGE® RESPIRATORS

- Low-profile, flexible pads fit well under a welding hood and with other personal protective equipment
- Great balance and weight distribution for maintaining a good face seal
- Swept-back design provides improved vision and comfort
- Sold per package



| Order No. | Mfg. No. | MSA Cartridge Type | Description | Notes | Qty /Pkg. |
|-----------|----------|--------------------|--|-------|-----------|
| SAG112 | 818342 | P100 | P100 | 1, 4 | 2 |
| SAG113 | 818343 | P100 | P100 with Nuisance level Organic Vapours, Ozone removal | 1, 4 | 2 |
| SAG114 | 818344 | P100 | P100 with Nuisance level Acid Gas, Hydrogen Fluoride removal | 1, 4 | 2 |
| SAG116 | 818346 | N95 | N95 | 1 | 2 |
| SAG117 | 818347 | N95 | N95 with Nuisance level Organic Vapours removal | 1 | 2 |
| SAG120 | 818354 | P95 | P95 | 1 | 2 |
| SAG121 | 818355 | P95 | P95 with Nuisance level Organic Vapours removal | 1 | 2 |

Notes:

1. Do not use in atmospheres containing less than 19.5 percent oxygen, in atmospheres containing gases or vapours or in atmospheres immediately dangerous to life and health.
2. Do not use in atmospheres containing less than 19.5 percent oxygen, or in atmospheres immediately dangerous to life and health.
3. Do not wear for protection against organic vapours with poor warning properties or those which generate high heats of reaction with the sorbent material in the cartridge.
4. 99.97 percent efficient against 0.3 micron DOP.





Respiratory

COMFO CLASSIC® RESPIRATORS

- Comfo Classic® respirators feature SoftFeel® facepiece material, which is an MSA-exclusive formulation that improves pliability and softness
- Unique face seal design gives wearers an exceptional fit



COMFO ELITE® RESPIRATORS

- Comfo Elite® has a unique sealing surface designed to reduce facepiece slippage
- Available in black silicone



| Order No. | Mfg. No. | Size |
|--------------------------------|----------|--------|
| SOFTFEEL® HYCAR™ RUBBER | | |
| SAG070 | 808075 | Small |
| SAG071 | 808074 | Medium |
| SAG072 | 808076 | Large |
| SOFTFEEL® SILICONE | | |
| SAG073 | 808072 | Small |
| SAG074 | 808071 | Medium |
| SAG075 | 808073 | Large |



| Order No. | Mfg. No. | Size |
|-----------|----------|--------|
| SAG076 | 490492 | Small |
| SAG077 | 490491 | Medium |
| SAG078 | 490493 | Large |

ULTRA-TWIN® RESPIRATORS

- Ultra-Twin® full-facepiece respirator has an inturred lip around the edge for a secure, comfortable seal against the face
- Large chin cup makes it easy to position
- Five suspension head straps and roller buckles hold the facepiece in place while minimizing hair entanglement
- Wide polycarbonate lens is coated to resist scratching and chemical attack
- Lens is held in place by a two-piece lens ring which is colour-coded to indicate the size of the facepiece
- Standard equipment includes a speaking diaphragm for clear, short-range communications and a nose cup, to reduce lens fogging in low temperatures or high-humidity conditions



| Order No. | Mfg. No. | Size |
|----------------------|----------|--------|
| HYCAR™ RUBBER | | |
| SAG079 | 471298 | Small |
| SAG080 | 471286 | Medium |
| SAG081 | 471310 | Large |
| SILICONE | | |
| SAG082 | 480263 | Small |
| SAG083 | 480259 | Medium |
| SAG084 | 480267 | Large |



ULTRA ELITE® TWIN-CARTRIDGE RESPIRATORS

- The Ultra Elite® facepiece can be used as a twin-cartridge air-purifying respirator for full-face respiratory protection
- Unique lens design provides a high level of peripheral and downward vision
- Available in three sizes; large adjustment tabs for easy donning and doffing
- Two facepiece materials – SoftFeel® HyCar™ rubber or silicone - to enhance wearer comfort
- A nose cup reduces lens fogging in low temperatures or high-humidity conditions
- Speaking diaphragm in front of the wearer's mouth improves communication so that speech is not blocked



| Order No. | Mfg. No. | Size |
|---|----------|--------|
| SOFTFEEL® SILICONE, WITH TWIN-CARTRIDGE ADAPTOR | | |
| SAG085 | 10016755 | Small |
| SAG086 | 10016756 | Medium |
| SAG087 | 10016757 | Large |
| SOFTFEEL® HYCAR™ RUBBER, LESS TWIN-CARTRIDGE ADAPTOR | | |
| SAG088 | 493064 | Small |
| SAG089 | 493020 | Medium |
| SAG090 | 493108 | Large |
| SOFTFEEL® SILICONE, LESS TWIN-CARTRIDGE ADAPTOR | | |
| SAG091 | 493072 | Small |
| SAG092 | 493028 | Medium |
| SAG093 | 493116 | Large |

Note: Ultra Elite® facepieces must be fitted with a twin-cartridge adaptor to be used as a twin-cartridge respirator.

TWIN-CARTRIDGE ADAPTOR

- Converts the Ultra Elite® facepieces to twin-cartridge respirators

| Order No. | Mfg. No. |
|-----------|----------|
| SAM919 | 803622 |



COMFO® RESPIRATOR CARTRIDGES



• Sold per package

| Cartridges | Order No. | Mfg. No. | MSA Cartridge Description | Description | Approval For | Notes | Qty /Pkg. |
|------------|-----------------|----------|---------------------------|--------------------------------------|--|---------|-----------|
| | SAG124 | 464031 | GMA | Organic Vapours | Organic Vapours | 2, 3 | 1 |
| | SAG125 | 815178 | GMA P100 | Organic Vapours/P100 | Organic Vapours/P100 | 2, 3, 4 | 1 |
| | SAG126* | 815186 | GMA P100 | Organic Vapours/P100 | Organic Vapours/P100 | 2, 3, 4 | 1 |
| | SAG127 | 464032 | GMB | Acid Gas | Chlorine/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Chloride/Hydrogen Sulfide*** | 2 | 1 |
| | SAG128 | 815179 | GMB P100 | Acid Gas/P100 Hydrogen Sulfide*** | Chlorine/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Chloride/ | 2, 4 | 1 |
| | SAG129 | 464046 | GMC | Organic Vapours/ Acid Gas | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Chloride/Hydrogen Sulfide*** | 2, 3 | 1 |
| | SAG130 | 815180 | GMC P100 | Organic Vapours/ Acid Gas/P100 | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Chloride/Hydrogen Sulfide*** | 2, 3, 4 | 1 |
| | SAG131* | 815188 | GMC P100 | Organic Vapours/ Acid Gas/P100 | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Chloride/Hydrogen Sulfide*** | 2, 3, 4 | 1 |
| | SAG132 | 464033 | GMD | Ammonia/Methylamine | Ammonia/Methylamine | 2, 3 | 1 |
| | SAG133 | 815181 | GMD P100 | Ammonia/Methylamine/P100 | Ammonia/Methylamine/P100 | 2, 3, 4 | 1 |
| | SAG134 | 492790 | GME | Multi-Gas/Vapours | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Chloride/Hydrogen Sulfide***/ Formaldehyde/Hydrogen Fluoride | 2, 3 | 1 |
| | SAG135 | 815182 | GME P100 | Multi-Gas/Vapours/ P100 | Organic Vapours/Chlorine/Sulfur Dioxide/Chlorine Dioxide/ Hydrogen Chloride/Hydrogen Sulfide***/ Formaldehyde/Hydrogen Fluoride/P100 | 2, 3, 4 | 1 |
| | SAG136 | 815184 | GMI P100**** | Organic Vapours/P100 | Organic Vapours/P100 | 2, 4 | 1 |
| | SAG137 | 466204 | Mersorb | Chlorine/Mercury Vapours | Chlorine/Mercury Vapours | 2, 4 | 1 |
| | SAG138 | 815185 | Mersorb P100 | Chlorine/Mercury Vapours/P100 | Chlorine/Mercury Vapours/P100 | 2, 4 | 1 |
| | SAG139 | 815175 | P100 | P100 Prefilter | 99.97% filter efficiency level against all particulate aerosols | 1, 4 | 1 |
| | SAG140 | 815176 | Sparkfoe® P100 | P100 Prefilter | 99.97% filter efficiency level against all particulate aerosols | 1, 4 | 1 |
| | SAG141 | 815177 | Low-Profile P100 | P100 Prefilter | 99.97% filter efficiency level against all particulate aerosols | 1, 4 | 1 |
| | SAG142 | 816661 | N95 Prefilter | N95 Prefilter | 95% filter efficiency level against particulate aerosols free of oil | 1 | 10 |
| | SAG144** | 489353 | N95 Cover | N95 Snap-On Cover | Use with N95 prefilters | - | 1 |
| | SAG143 | 816287 | R95 Prefilter | R95 Prefilter | 95% filter efficiency level against all particulate aerosols | 1 | 2 |
| | SAG145** | 489219 | R95 Cover | R95 Snap-On Cover | Use with R95 prefilters | - | 1 |

* Short stack.

** Sold individually. Need two snap-on covers per respirator.

*** Escape only.

**** Effective against, but not NIOSH approved for Iodine Vapor.

Notes:

- Do not use in atmospheres containing less than 19.5 percent oxygen, in atmospheres containing gases or vapours or in atmospheres immediately dangerous to life and health.
- Do not use in atmospheres containing less than 19.5 percent oxygen, or in atmospheres immediately dangerous to life and health.
- Do not wear for protection against organic vapours with poor warning properties or those which generate high heats of reaction with the sorbent material in the cartridge.
- 99.97 percent efficient against 0.3 micron DOP.



Respiratory

ABRASI-BLAST™ SUPPLIED-AIR RESPIRATOR

- Provides respiratory and upper body protection in applications where blasting with abrasives is performed
- Complete *Abrasi-Blast™* respirator is made up of a hood, facepiece with lens housing, breathing tube, cover lens cartridge assembly, flow-control device, approved air-supply hose, and support belt
- Hypalon hood with collar
- Choice of waist-length or shoulder-length hoods
- During blasting, the lens is protected by 2 to 4 flat glass cover lenses mounted in a special foam material
- Each cover lens is removed by integral pull-tabs when it becomes so abraded that vision is reduced
- No need to stop and change lenses
- Air supply hose ordered separately
- Approved by NIOSH and MSHA



| Order No.* | Mfg. No. | Inlet Pressure Range |
|---|----------|---------------------------|
| WAIST-LENGTH HYPALON HOOD WITH COLLAR | | |
| SAM972 | 468716 | 10 - 15 PSI |
| SAM973 | 468718 | 35 - 40 PSI |
| SAM974 | 474263 | 60 - 80 PSI (Vortex tube) |
| SAM975 | 485751 | Pressure-Demand |
| SHOULDER-LENGTH HYPALON HOOD WITH COLLAR | | |
| SAM976 | 468720 | 10 - 15 PSI |
| SAM977 | 468722 | 35 - 40 PSI |
| SAM978 | 474264 | 60 - 80 PSI (Vortex tube) |
| SAM979 | 485755 | Pressure-Demand |

* Complete assemblies with Hypalon hood include: one lens cartridge consisting of four 0.06-inch untempered glass cover lenses, flow control device, *Snap-Tite* aluminum quick-disconnect fitting, adjustable valve-connector body, or pressure-demand regulator (with socket assembly), facepiece (medium) with dual exhalation valves and lens housing, breathing tube, web belt, and air-hose connector.

REPLACEMENT LENS CARTRIDGES

| Order No. | Mfg. No. | Lens Description | Lenses /Cart. | Recommended Use |
|----------------|----------|-------------------------|---------------|---|
| SAN001 | 473238 | 0.06" thick, untempered | 4 | Light blasting |
| SAN002 | 473240 | 0.06" thick, tempered | 4 | Light blasting plus added protection against glass breakage |
| SAN003 | 473798 | 0.09" thick, untempered | 3 | Medium blasting |
| SAN004 | 473800 | 0.09" thick, tempered | 3 | Medium blasting, plus added protection against glass breakage |
| SAN005* | 473802 | 0.12" thick, untempered | 2 | Heavy blasting |
| SAN006* | 481742 | 0.12" thick, untempered | 3 | Heavy blasting |

*Two layers laminated

TRANSAIRE™ 5, TRANSAIRE™ 10, AND CUSTOM AIR V® ESCAPE RESPIRATORS



COMPLETE ASSEMBLIES

| Order No. | Mfg. No. | Description |
|---|----------|---|
| ASSEMBLY INCLUDES CYLINDER, CARRIER, HOOD TUBE AND HOOD ASSEMBLY | | |
| SAN007 | 10008292 | <i>TransAire™</i> 5 Escape Respirator |
| SAN008 | 10008293 | <i>TransAire™</i> 10 Escape Respirator |
| SAN009 | 484353 | <i>Custom Air™</i> V Escape Respirator w/ carbon fibre cylinder |
| SAN010 | 802197 | <i>Custom Air™</i> V Escape Respirator w/ aluminum cylinder |

ACCESSORIES

| | | |
|---------------|----------|--|
| SAN011 | 10012530 | Single-unit carrying case, black |
| SAN012 | 485816 | Carrying/wall-mounting case |
| SAN013 | 696192 | Single-unit wall mounting case |
| SAN014 | 696193 | Two-unit wall mounting case |
| SAN015 | 474929 | Wide shoulder strap for <i>Custom Air®</i> V |



AIR SUPPLY HOSE (SOLD SEPARATELY)

| Order No. | Mfg. No. | Hose |
|---------------|----------|------------------|
| SAM980 | 481071 | 8' Neoprene |
| SAM981 | 455020 | 15' Neoprene |
| SAM982 | 455021 | 25' Neoprene |
| SAM983 | 455022 | 50' Neoprene |
| SAM984 | 481051 | 8' PVC |
| SAM985 | 471511 | 15' PVC |
| SAM986 | 471512 | 25' PVC |
| SAM987 | 471513 | 50' PVC |
| SAM988 | 484225 | 100' PVC |
| SAM989 | 491513 | 8' Coiled Nylon |
| SAM990 | 491514 | 15' Coiled Nylon |
| SAM991 | 491515 | 25' Coiled Nylon |
| SAM992 | 474043 | 50' Coiled Nylon |

ADDITIONAL HOOD OPTIONS

| Order No. | Mfg. No. | Description |
|---------------|----------|------------------------------------|
| SAM993 | 468724 | Hypalon waist |
| SAM994 | 468725 | Hypalon shoulder |
| SAM995 | 480699 | Duck Cloth chest |
| SAM996 | 480697 | Duck Cloth waist |
| SAM997 | 486304 | Neoprene shoulder |
| SAM998 | 486303 | Neoprene waist |
| SAM999 | 486329 | Knit-back, hypalon front, shoulder |



- When you need to get out quickly
- Delivers consistent air supply at 40 Lpm (litres per minute)
- *TransAire™* 10 is pressurized to 3000 PSIG
- *TransAire™* 5 is pressurized to 2216 PSIG
- Compact units use aluminum cylinders that can withstand temperatures from 0 to 160°F
- *Custom Air V®* is designed with a high flow rate (72 Lpm) for extremely aerobic escape application



AIRHAWK® MMR AIR MASK (SCBA)

The *AirHawk*® SCBA offers lightweight, durability and comfort in an economical package. Designed with the user in mind, the *AirHawk*® SCBA will go with you in the many applications that do not require NFPA-1981 compliance. In addition, the *AirHawk*® is available in both low and high-pressure versions.

MSA's *AirHawk*® MMR Air Mask is a pressure demand apparatus designed to maintain a slight positive pressure of air inside the face piece during inhalation and exhalation. Positive-pressure helps prevent contaminants from seeping in and around the facepiece, even if there should be small breaks in the face-to-face piece seal.



The Speed of Innovation
The Power to Protect



| Order No. | Mfg. No. | Description |
|---------------|----------|--|
| SAM890 | 10043200 | <i>AirHawk</i> ® 4500 PSIG with Nylon harness w/chest strap and shoulder pads, <i>UltraElite</i> medium, Hycar rubber head harness, medium nose cup, H30 Stealth carbon cylinder 30-minute hard case |
| SAM891 | 10043201 | <i>AirHawk</i> ® 2216 PSIG with Nylon harness w/chest strap, <i>UltraElite</i> facepiece Medium with rubber head harness and medium nose cup 3AL aluminum 30-minute cylinder Hard case |
| SAM892 | 10043202 | <i>AirHawk</i> ® 2216 PSIG with Nylon harness w/chest strap, <i>UltraElite</i> facepiece Medium with rubber head harness and medium nose cup 3AL aluminum 30-minute cylinder No case |
| SAM893 | 10043203 | <i>AirHawk</i> ® 2216 PSIG with Nylon harness w/chest strap, <i>UltraElite</i> facepiece Medium with rubber head harness and medium nose cup L30 Stealth cylinder 30-minute with no Hard case |
| SAM894 | 10043204 | <i>AirHawk</i> ® 2216 PSIG with Nylon harness w/chest strap, <i>UltraElite</i> facepiece Medium with rubber head harness and medium nose cup L30 Stealth cylinder 30-minute with Hard case |
| SAM895 | 10043205 | <i>AirHawk</i> ® 2216 PSIG with Nylon harness w/chest strap and shoulder pads, <i>UltraElite</i> Medium, Hycar rubber head harness, medium nose cup L-30 Stealth carbon cylinder 30-minute hard case |

Other configurations are available. Please call for quote.

KLETON

See Pages 361 & 362 For our
Kleton Line of Lift Tables

Quality and Value Built into





PROTECTING YOUR HEARING!

Your Simple Guide to Hearing Protection

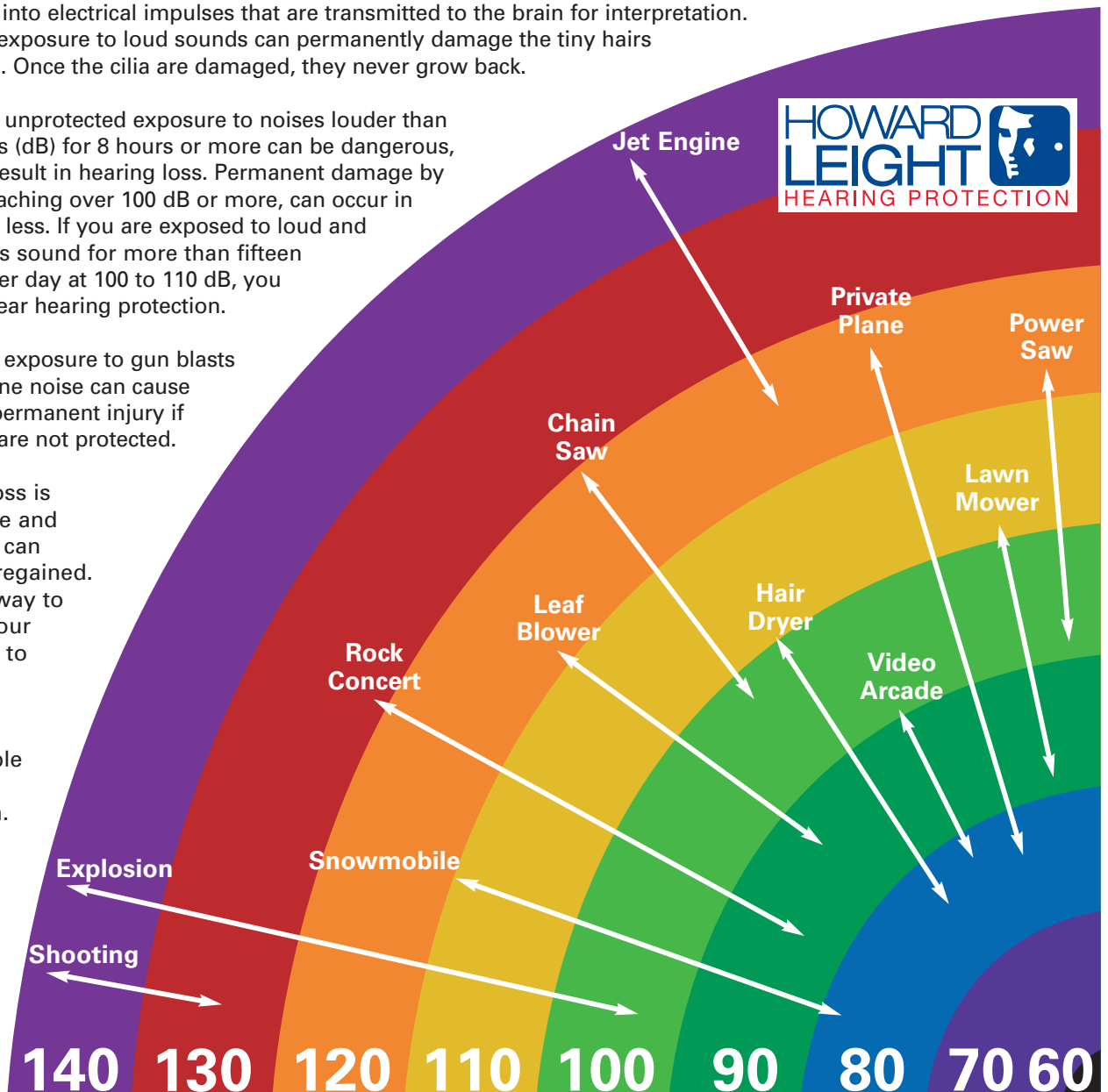


As sound enters the outer ear, it is channeled down the ear canal until it reaches the ear drum. The ear drum, a thin membrane stretched over a tube, is moved by the sound waves. When the sound vibrations reach the coiled, liquid-filled tube called the cochlea, thousands of hair cells in the cochlea translate these vibrations into electrical impulses that are transmitted to the brain for interpretation. Repeated exposure to loud sounds can permanently damage the tiny hairs called cilia. Once the cilia are damaged, they never grow back.

Continual, unprotected exposure to noises louder than 85 decibels (dB) for 8 hours or more can be dangerous, and may result in hearing loss. Permanent damage by sounds reaching over 100 dB or more, can occur in 2 hours or less. If you are exposed to loud and continuous sound for more than fifteen minutes per day at 100 to 110 dB, you need to wear hearing protection.

Even brief exposure to gun blasts or jet engine noise can cause pain and permanent injury if your ears are not protected.

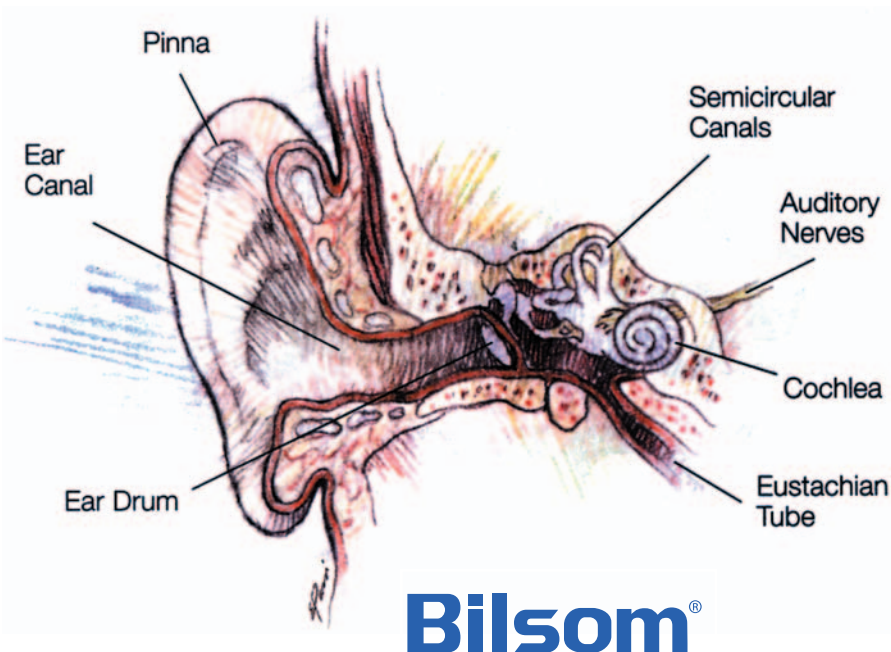
Hearing loss is cumulative and once lost, can never be regained. The best way to protect your hearing is to create a habit of wearing comfortable hearing protection.





**How do we go about protecting our hearing?
Here are some recommendations for hearing protection,
whether you are a worker, safety director, purchaser
or just someone who knows it is necessary.**

- 1 Know your hazard.** Whenever possible, measure the noise levels in your environment on a frequent basis to determine exactly what the hazards are, and have an understanding in what frequency ranges the majority of the noise occurs.
- 2 Trust the annual audiogram.** Rely on this information to gauge your hearing loss from year to year. Is your hearing deteriorating? Is it due to noise induced losses from the workplace, or simply the facts of aging?
- 3 Select hearing protection that is right for you,** that is comfortable to you, and that you will wear.
- 4 Wear your hearing protection right.** Each type of hearing protector is slightly different. The important thing to remember is that you need to insert ear plugs correctly, or ear muffs completely over the ears. Then, you must always test the fit.
- 5 Test the fit** by cupping your hands over your ears, then release. If you can hear a difference, you may not be wearing your hearing protector correctly. Remove, then fit again. Following these simple guidelines, you can save your hearing from further hazardous exposure and potential hearing loss.



Several types of ear plugs, bands or ear muffs are created by

HOWARD LEIGHT 
HEARING PROTECTION

with two major features:
superior performance
(measured as high
Noise Reduction
Ratings, or NRR)
and most importantly,
comfort for the wearer.



Ear Plugs

MULTI-MAX® MULTI-SIZED FOAM



MULTI-SIZED MEANS ECONOMY, FLEXIBILITY & COMFORT!

Multi-Max® (NRR 31) is a uniquely designed two-sizes-in-one ear plug. You have the choice of which tip fits and works best and is most comfortable for you. It combines high ratings with convenient size flexibility. Two-sizes-in-one makes inventory control easy. *Multi-Max*® has our trademark smooth, soil-resistant skin and attenuation effectiveness. Attenuation tested in accordance with ANSI S12.6-1984. High-visibility coral and yellow colours, packed in poly or paper bags, 200 uncorded pairs per box.

RATINGS: NRR 31, SNR 35_{CE}, SLC₉₀ 26.0, CSA A(L).



| Order No. | Mfg. No. | Description | Qty /Box |
|-----------|----------|---------------------|----------|
| SM556 | MM-1 | Uncorded, Poly Bag | 200 prs. |
| SM557 | MM-1-PB | Uncorded, Paper Bag | 200 prs. |

MAX-LITE® LOW PRESSURE FOAM

**IDEAL FOR LONG-TERM USERS
& THOSE W/SMALLER EAR CANALS!**

Max-Lite® (NRR 30) low pressure foam ear plugs offer long-term user comfort not found in other preshaped foam ear plugs. The non-irritating, non-allergenic self adjusting foam recovers to fit virtually any ear canal. *Max-Lite*® is also ideal for that portion of the population with smaller ear canals. Attenuation tested in accordance with ANSI S3.19-1974. Green colour, packed in poly or paper bags.

RATINGS: NRR 30, SNR 34_{CE}, SLC₉₀ (corded) 27.5, SLC₉₀ (uncorded) 27.0 CSA A(L).



| Order No. | Mfg. No. | Description | Qty /Box |
|-----------|-----------|---|----------|
| SM558 | LPF-1 | Uncorded, Poly Bag | 200 prs. |
| SM559 | LPF-30 | Poly Cord, Poly Bag | 100 prs. |
| SM560 | LPF-30-PB | Poly Cord, Paper Bag | 100 prs. |
| SM561 | LPF-30-P | White Cotton Cord, biodegradable-repulpable paper bag | 100 prs. |

LASER-LITE® MULTI-COLOUR FOAM

THE HOT LOOK IN COMFORTABLE HEARING PROTECTION!

Laser-Lite® (NRR 32) is the multi-colour ear plug that workers love to use. The non-irritating, non-allergenic self-adjusting foam recovers to fit virtually any ear canal. *Laser-Lite*® is ideal for that portion of the population with smaller ear canals. Attenuation tested in accordance with ANSI S3.19-1974. Magenta-Yellow colour. Packed in poly bags.

RATINGS: NRR 32, SNR 35_{CE}, SLC₉₀ (corded) 27.5, SLC₉₀ (uncorded) 27.0 CSA A(L)



| Order No. | Mfg. No. | Description | Qty /Box |
|-----------|----------|--------------------|----------|
| SM562 | LL-1 | Uncorded, Poly Bag | 200 prs. |
| SM563 | LL-30 | Corded, Poly Bag | 100 prs. |

MAX® FOAM

Preshaped foam ear plugs feature a smooth outer skin for maximum user comfort. The smooth, soil resistant skin helps prevent foreign material from penetrating the surface while rolling prior to insertion. Attenuation tested in accordance with ANSI 53.19-1974. Noise reduction rating NRR 33dB, SNR 34dB. Packed in poly bags, 200 uncorded pairs per box, 100 corded pairs per box. Colour: Orange



| Order No. | Mfg. No. | Description | Qty /Box |
|-----------|----------|-------------|----------|
| SD630 | MAX-1 | Uncorded | 200 prs. |
| SD631 | MAX-30 | Corded | 100 prs. |



MATRIX™ EARPLUGS

- Patented no roll design makes insertion easy
- Smooth outer skin and reduced diameter provide long-term comfort
- Delivers instant protection - no need to wait for foam to expand
- Screens harmful noise out, but lets voice pass through
- Three attenuation levels
- Orange, NRR 29/SLC80 17.5 Class 2/SNR 29 / CSA A (L)
- Green, NRR 27/SLC80 16.8 Class 2/SNR 27 / CSA A (L)
- Blue, NRR 23/SLC80 19.0 Class 3/SNR 27 CSA A (L)



SAK057

SAK333



| Order No. | Mfg. No. | Description | Qty /Box |
|---------------|-----------|-------------|----------|
| SAK057 | MTX-1-OR | Uncorded | 200 prs. |
| SAK334 | MTX-30-OR | Corded | 100 prs. |
| SAK332 | MTX-1-GR | Uncorded | 200 prs. |
| SAK335 | MTX-30-GR | Corded | 100 prs. |
| SAK333 | MTX-1-BU | Uncorded | 200 prs. |
| SAK336 | MTX-30-BU | Corded | 100 prs. |

3M™ DISPOSABLE EAR PLUGS

- Individually packaged for convenience
- Smooth, dirt resistant surface
- Soft hypo-allergenic polyurethane foam offers superior comfort
- NRR 29 dB, CSA Z294.2 Class A (L)
- Bright orange for visibility



| Order No. | Mfg. No. | Description | Qty /Box |
|---------------|----------|-------------|----------|
| SI762 | 1100 | Uncorded | 200 prs. |
| SAG359 | 1110 | Corded | 100 prs. |

3M™ DISPOSABLE SOFT FOAM EAR PLUGS

- Individually packaged for convenience
- Patented articulated shape for improved fit
- New softer formulation for improved comfort
- Ideal for users with small ear canals for greater comfort
- NRR 28 dB, CSA Z294.2 Class A (L)
- Bright orange for visibility



| Order No. | Mfg. No. | Description | Qty /Box |
|---------------|----------|-------------|----------|
| SAJ201 | 1120 | Uncorded | 200 prs. |
| SAJ210 | 1130 | Corded | 100 prs. |

AIR SOFT™

Reusable ear plugs with a patented cushion of air for superior comfort. Features a shell of soft attenuating material around a pocket of air that is comfortable enough for extended wear. Washes with soap and water for months of protection. The highest rated reusable ear plug. Attenuation tested in accordance with ANSI S3.19-1974. Noise reduction rating NRR 27 dB, SNR 30 dB. Available with or without cord in clear flip-top boxes or packed 50 pairs per dispenser box. One size fits all. Colour: Blue



| Order No. | Mfg. No. | Description | Qty/Box |
|--------------------|----------|---------------------|----------|
| CLEAR BOXES | | | |
| SD582 | DPAS-1 | Uncorded | 100 prs. |
| SD583 | DPAS-30R | Corded, Red Vinyl | 100 prs. |
| SD584 | DPAS-30W | Corded, White Nylon | 100 prs. |

| Order No. | Mfg. No. | Description | Qty/Box |
|----------------------|----------|---------------------|---------|
| DISPENSER BOX | | | |
| SD585 | AS-1 | Uncorded | 50 prs. |
| SD586 | AS-30R | Corded, Red Vinyl | 50 prs. |
| SD587 | AS-30W | Corded, White Nylon | 50 prs. |

EAR PLUG DISPENSER



| Order No. | Description |
|---------------|--|
| SAO205 | LS-400 Leight® Source Ear Plug Dispenser |

BULK REFILLS, SINGLE USE EAR PLUGS

| Order No. | Description | Pairs /Refill | NRR db | Qty /Case |
|---------------|------------------------|---------------|--------|-----------|
| SAO206 | Matrix™ Orange No-Roll | 200 | 29 | 10 |
| SAO207 | Matrix™ Green No-Roll | 200 | 27 | 10 |
| SAO208 | Matrix™ Blue No-Roll | 200 | 23 | 10 |
| SAO209 | Max® | 200 | 33 | 10 |
| SAO210 | Max Lite® | 200 | 30 | 10 |
| SAO211 | Laser Lite® | 200 | 32 | 10 |
| SAO212 | MultiMax® | 200 | 31 | 10 |





Ear Plugs

DECIDAMP2™

Decidamp2™ foam ear plugs, both corded and uncorded, are designed to provide maximum comfort. Foam is of non-toxic and non-irritating PVC. Corded model can hang comfortably around the neck for convenience. Colour: White.

Tested in accordance with ANSI S3.19-1974.

NRR 29 dB.



SA666

NORTH

| Order No. | Mfg. No. | Description | Qty /Box |
|-----------|----------|-------------|----------|
| SA666 | 280005 | Uncorded | 200 prs. |
| ZB546 | 280006 | Corded | 100 prs. |

COM-FIT® WITH INSERTER DEVICE

Reusable insert-type hearing protectors. Made from silicone rubber, Com-fit® ear plugs feature a triple-flange design which provides multi-surface sealing over a wider range of ear canal sizes. Colour coded in three sizes. Conveniently stored in carrying case and chain.

Attenuation tested in accordance with ANSI S3.19-1974, NRR 26 dB. 20 pairs/box. Priced per pair.



NORTH

| Order No. | Mfg. No. | Description | Size | Colour |
|-----------|----------|-------------|--------|--------|
| SA668 | 281401 | Uncorded | Small | Green |
| SA670 | 281411 | Corded | Small | Green |
| SE927 | 281413 | Corded | Medium | Orange |
| SA671 | 281415 | Corded | Large | Blue |

QUIET®

- Patented "no-roll" design is easy to handle and fit
- Contoured shape comfortably matches contours of the ear
- Built-in insertion stem
- NRR 26 dB
- CSA Class A(L)



SE359



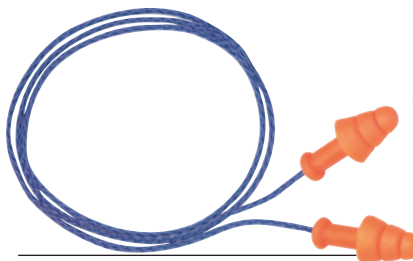
SAK351

HOWARD LEIGHT
HEARING PROTECTION

| Order No. | Mfg. No. | Description | Qty /Box |
|-----------|----------|-------------------------|----------|
| SAK351 | QD1 | Uncorded, Flip top box | 100 prs. |
| SE359 | QD30 | Poly cord, Flip top box | 100 prs. |

SMARTFIT™ EARPLUGS

- Advanced material uses body heat to adapt to the individual shape of each wearer's ear canal
- Fits almost every wearer
- HearPack™ storage case
- Unique detachable cord
- NRR 25 dB
- CSA Class A(L)

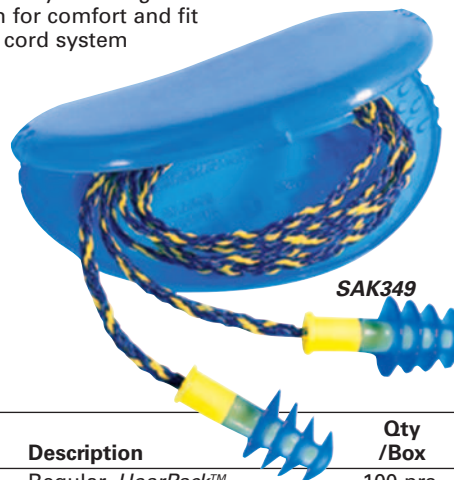


HOWARD LEIGHT
HEARING PROTECTION

| Order No. | Mfg. No. | Description | Qty /Box |
|-----------|----------|-------------|----------|
| SAK348 | SMF-30 | Corded | 100 prs. |

FUSION™ EARPLUGS

- FlexiFirm™ core for easy handling
- SoftFlange™ design for comfort and fit
- Unique detachable cord system
- NRR 27 dB
- CSA Class A(L)



SAK349

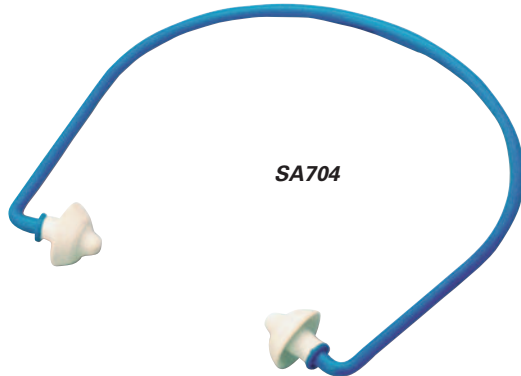
HOWARD LEIGHT
HEARING PROTECTION

| Order No. | Mfg. No. | Description | Qty /Box |
|-----------|-----------|--------------------|----------|
| SAK349 | FUS30-HP | Regular, HearPack™ | 100 prs. |
| SAK350 | FUS30S-HP | Small, HearPack™ | 100 prs. |



DECI4300™ BAND

Lightweight under-the-chin earband is easy to use since it does not require insertion in the ear canal. Soft caps fit over the ear canal entrance to block out harmful noise. NRR 17 dB. Packaged in reusable zip-lock poly bags.



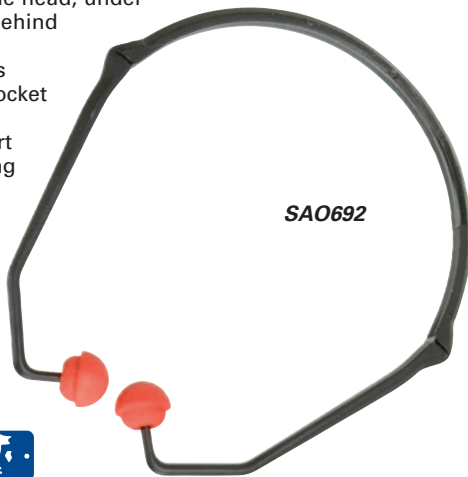
SA704

NORTH

| Order No. | Mfg. No. | Description |
|-----------|----------|-----------------------------|
| SA704 | 284300 | Ear band |
| SAF945 | 284320 | Replacement pods 10 per pkg |

PERCAP® FOLDABLE 3-POSITION BANDED EARPLUGS

- Super soft pods rest outside the ear canal opening
- Ideal for workers who do not like to put earplugs in their ears
- Wear over the head, under the chin or behind the neck
- Compact, fits easily in a pocket
- Comfortable for both short term and long term wear
- NRR 21 dB



SAO692



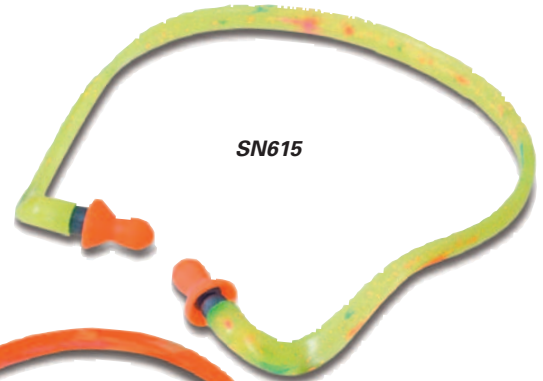
| Order No. | Mfg. No. | Qty /Box |
|-----------|----------|----------|
| SAO692 | PERCAP | 10 |
| SAO744 | PCAP100 | 50 |

QUIET BANDS

Ergonomic design keeps the pads suspended so they don't become contaminated when you set the *Quiet Bands* down. Available in three different plug styles:

- QB1® Hyg** inner-aural protection has the highest NRR of 27 dB
- QB2® Hyg** supra-aural protection has a NRR 25 dB rating
- QB3® Hyg** semi-aural which is designed for moderate or intermittent hearing protection has a NRR 23 dB rating

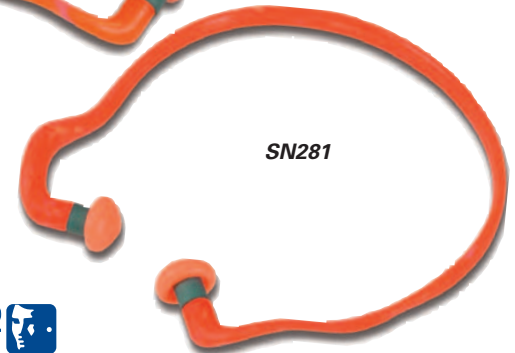
Replacement pads for all three *Quiet Band* products allow you to economically replace the ear plugs while reusing the headband.



SN615



SN616



SN281



One free pair of replacement pads included with each *Quiet Band*.

| Order No. | Mfg. No. | Description |
|-----------|----------|-----------------------------|
| SN615 | QB1HYG | QB1® HYG Inner-Aural, 27 dB |
| SN616 | QB2HYG | QB2® HYG Supra-Aural, 25 dB |
| SN281 | QB3HYG | QB3® HYG Semi-Aural, 23 dB |

REPLACEMENT PADS

| | | |
|-------|----------|---------------------------|
| SN617 | QB100HYG | QB1® HYG, 1 pair per pkg. |
| SN618 | QB200HYG | QB2® HYG, 1 pair per pkg. |
| SN279 | QB300HYG | QB3® HYG, 1 pair per pkg. |



Ear Muffs

THUNDER®

- Non-deforming comfort headband fits all head sizes
- Ventilated inner headband and soft pads for maximum comfort
- Quick-Click height adjustments
- Dielectric design safe for electrical environments



LEIGHTNING®

- Maximum protection from an earmuff
- Robust steel headband withstands demanding use
- Padded foam headband and super-soft ear cushions deliver longwearing comfort
- Contemporary design improves wearer compliance
- Telescoping height adjustment



Bilsom®

| Order No. | Mfg. No. | Description | NRR dB |
|-----------|----------|------------------------|--------|
| SAK150 | 1010928 | T1, Over-head headband | 23 |
| SAK151 | 1010929 | T2, Over-head headband | 26 |
| SAK152 | 1010930 | T3, Over-head headband | 30 |
| SAO694 | 1011601 | T1H, Cap Mount | 23 |
| SAK443 | 1010974 | Hygiene kit for T1 | |
| SAK444 | 1010975 | Hygiene kit for T2 | |
| SAK445 | 1010976 | Hygiene kit for T3 | |

Bilsom®

| Order No. | Mfg. No. | Description | NRR dB |
|-----------|----------|------------------------|--------|
| SAK147 | 1010922 | L1, Over-head headband | 25 |
| SAK148 | 1010923 | L2, Over-head headband | 27 |
| SAK149 | 1010924 | L3, Over-head headband | 30 |
| SAK446 | 1010971 | Hygiene kit for L1 | |
| SAK447 | 1010972 | Hygiene kit for L2 | |
| SAK448 | 1010973 | Hygiene kit for L3 | |

VIKING®

AMPLIFY THE SOUNDS YOU WANT TO HEAR, WHILE PROTECTING YOUR EARS!

- Three position headband offers more wearing options and works with helmets, shields and other equipment
- Super soft ear cushions deliver longwearing comfort
- Dielectric design safe for electrical environments
- Headband straps for multiple-position wear



CLARITY™

- Patented technology offers sophisticated filtering without electronics
- Blocks noise but helps wearers hear co-workers' speech, warning sounds and alarms
- Improves safety in environments where overprotection is a danger
- Ventilated headband and ear cushions deliver longwearing comfort
- Dielectric design safe for electrical environments



Bilsom®

| Order No. | Mfg. No. | Description | NRR dB |
|-----------|----------|-----------------------------|--------|
| SAK153 | 1010925 | V1, Multi-position headband | 23 |
| SAK154 | 1010926 | V2, Multi-position headband | 25 |
| SAK155 | 1010927 | V3, Multi-position headband | 29 |
| SAK449 | 1006018 | Hygiene kit for V1 | |
| SAK450 | 1010977 | Hygiene kit for V2 | |
| SAK451 | 1010978 | Hygiene kit for V3 | |

Bilsom®

| Order No. | Mfg. No. | Description | NRR dB |
|-----------|----------|-----------------------------|--------|
| SAK157 | 1011142 | C1, Over-head headband | 20 |
| SAK158 | 1011145 | C2, Multi-position headband | 23 |
| SAK159 | 1011146 | C3, Over-head headband | 27 |
| SAK452 | 1006080 | Hygiene kit for C1 | |
| SAK453 | 1006017 | Hygiene kit for C2 | |
| SAK454 | 1006081 | Hygiene kit for C3 | |



LEIGHTNING HI-VISIBILITY® EAR MUFFS

- Fluorescent green earcups provide additional visibility and contrast on the job
- Air Flow Control™ technology provides better attenuation, especially at low frequencies
- Robust design withstands demanding use, especially in tough environments
- Ideal for roadway construction, utility workers, survey engineers, ferry service operators, emergency response workers, railroad workers, and many others

Bilsom®



| Order No. | Mfg. No. | Description | NRR dB |
|-----------|----------|-------------|--------|
| SAO691 | 1011991 | Cap-Mount | 23 |
| SAO695 | 1013941 | Over-Head | 30 |
| SAO696 | 1013942 | Foldable | 27 |



LEIGHTNING® EARMUFFS

- Easy storage when not in use
- Extremely lightweight design rests comfortably on the head
- Lower attenuation provides reliable protection against marginal noise or intermittent exposure
- Makes cushion replacement quick and easy
- Provides better fitting on top of the head for optimal attenuation
- Robust design withstands demanding use, especially in tough environments

Bilsom®

| Order No. | Mfg. No. | Style | NRR dB |
|-----------|----------|-------------|--------|
| SAO690 | 1013460 | Leatherband | 23 |
| SAK149 | 1010924 | Foldable | 31 |



See Pages 171 to 191 for ZENITH Gloves!





Ear Muffs

SABRE, CSA CLASS A

Wide soft sealing cushions are extremely comfortable and provide exceptional performance. Unique cup design allows easy adjustment. Durable plastic construction stands up to the roughest conditions. Colour: Black/Red.

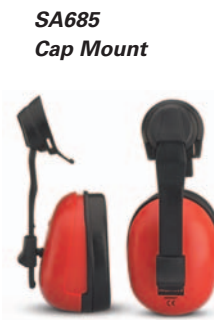


NORTH

| Order No. | Mfg. No. | Description | NRR dB | Wt. oz. |
|-----------|-----------|---|--------|---------|
| SA682 | EM1115 | Sabre headband | 27 | 9.0 |
| SA683 | EM1117/OS | Cap mount | 27 | 9.1 |
| SAK282 | HK300 | Hygiene kit for SA682 2 cushions and foams inserts | - | - |
| SAK281 | HK200 | Hygiene kit for SA683 2 cushions and foam inserts | - | - |

HORNET, CSA CLASS A

Quality, economical protection for medium range noises. Lightweight plastic construction provides durable, dielectric protection. Colour: Red.



NORTH

| Order No. | Mfg. No. | Description | NRR dB | Wt. oz. |
|-----------|----------|---|--------|---------|
| SA684 | EM2175 | Hornet headband | 24 | 8.0 |
| SA685 | EM2177 | Cap mount | 24 | 8.0 |
| SAK281 | HK200 | Hygiene kit 2 cushions and foams inserts | - | - |

MUSTANG, CSA CLASS A

Lightweight and durable earmuffs provide low profile protection while soft sealing ear cushions give maximum comfort. Colour: Blue.



NORTH

| Order No. | Mfg. No. | Description | NRR dB | Wt. oz. |
|-----------|----------|--|--------|---------|
| SA689 | EM4155 | Mustang headband | 23 | 7.4 |
| SA690 | EM4157 | Cap mount | 20 | 9.3 |
| SAK280 | HK100 | Hygiene kit 2 cushions and foam inserts | - | - |

MOSQUITO, CSA CLASS B

Designed to avoid workplace hazards, with a no-snag band that won't catch hair. The ear cushions are extra-deep and have unique file-grain texture which reduces perspiration for cooler comfort; worn behind neck or under chin. Colour: Black/Yellow.



NORTH

| Order No. | Mfg. No. | Description | NRR dB | Wt. oz. |
|-----------|----------|--|--------|---------|
| SA706 | EM3144 | Mosquito headband | 21 | 6.5 |
| SAK279 | HK50 | Hygiene kit 2 cushions and foam inserts | - | - |



IMPACT™

- Directional stereo microphones amplify and enhance sound for more natural hearing
- Ideal for hearing impaired workers
- Limits sound to 82 dB
- 700-hour battery life, automatic shutoff and *Aux* signal input
- New easy access battery compartment



SAK160



SAK161

MACH 1™

- Economical choice for basic hearing protection
- Adjusts to fit any head size
- Dielectric, super lightweight construction

Order No **SAK156**

Mfg. No. 1010421



SAK156

Bilsom®

Bilsom®

| Order No. | Mfg. No. | Description | NRR dB |
|-----------|----------|-------------------------|--------|
| SAK160 | 1010376 | V1, Over-Head headband | 23 |
| SAK161 | 1010632 | Cap Mount | 21 |
| SAK455 | 1008000 | Hygiene Kit for Impact™ | - |

XLS, CSA CLASS A

The XLS has been specifically designed to offer quality, comfort and protection at an affordable price. The space age plastic provides rugged durability in harsh environments. May be adjusted to 6 different positions. Extra wide headband provides secure fit. Colour: Red.



SAN234

MSA

| Order No. | Mfg. No. | Description | NRR dB | Wt. oz. |
|-----------|----------|-------------|--------|---------|
| SAN234 | 10061535 | Cap Mount | 22 | 6 |
| SAN235 | 10061537 | Hygiene Set | - | - |

EXC, CSA CLASS A

Wide headband with ventilated padding provides a firm fit and a high level of comfort with maximum protection. Two-point mounting system ensures pressure is distributed evenly around the cushion. Press-and-snap function makes it easy to replace ear cushion. Contoured sealing ring feature provides the best possible seal. Also suitable for dielectric applications. Colour: Light Grey



SAN237

MSA

| Order No. | Mfg. No. | Description | NRR dB | Wt. oz. |
|-----------|----------|-------------|--------|---------|
| SAN237 | 10061230 | Cap Mount | 24 | 7.6 |
| SAN238 | 10061292 | Hygiene Kit | - | - |



Face Protection

STANDARD FORESTRY KIT

Contains:
 1 SH143 hard hat, orange
 1 SAM365 forestry screen
 1 SA688 Phantom muff,
 NRR 21 dB

Order No. SG503
 Mfg. No. FK12

NORTH



ECONOMICAL FORESTRY KIT

Contains:
 1 QZ045 hard hat, red
 1 SAM365 forestry screen
 1 SA690 Mustang muff,
 NRR 20 dB

Order No. SG504
 Mfg. No. FK13

NORTH



MONOSHIELD

For full face protection. Includes faceshield and Model SA384 goggles for fog-free vision. The tough polycarbonate Monoshield is unique, as it clips directly on the Monogoggle® to provide distortion-free vision.



| Order No. | Mfg. No. | Description |
|-----------|----------|-------------------|
| SC480 | 10179 | Monoshield/Goggle |

SPARKGARD

- Accepts a wide range of faceshield/window styles
- Large sparkguard provides excellent protection
- Cross strap adjusts to allow an exceptional fit
- Full floating mount sparkguard provides comfortable wear even with heavy faceshield and continuous use
- Quick change system for holding faceshield/window
- Ratchet adjustment for quick, easy and perfect fit



HEAD GEAR AND FACESHIELD SOLD SEPARATELY

NORTH

| Order No. | Mfg. No. | Description |
|-----------|----------|---------------------|
| SAH652 | KHG4001 | Sparkguard Headgear |

| FACESHIELDS | | | | |
|-------------|----------|------------|------------|---------------|
| Order No. | Mfg. No. | Size" | Form | Material |
| SAI077 | A8154 | 8 x 15 1/2 | Formed | Polycarbonate |
| SAI078 | A8150/40 | 8 x 15 1/2 | Flat PET-G | Copolyester |

MACH II

Mach II offers comfortable, complete coverage for face and neck protection. Unique chin-guard for added protection. Full vision 7" x 16 3/4" window provides wide viewing. Available also in a Duo-Coat polycarbonate window. Anti-Fog coating on the inside to eliminate fogging; hard coat on the outside to reduce scratching and extend life. Made from 99% UV inhibitive polycarbonate. Available in .040" or .060". Meets ANSI Z87.1-1989 standards.

Note: Faceshields sold separately.

| Order No. | Mfg. No. | Description | Window Dimensions | | | | |
|-----------|------------|--------------------------------|-------------------|---|------|---|----|
| | | | W" | x | D" | x | H" |
| SA339 | 722000RSS | Headgear | 16 3/4 | x | - | x | 7 |
| SA340 | 7221000ACC | Clear Acetate Faceshield | 16 3/4 | x | .040 | x | 7 |
| SA341 | 7221000PCC | Clear Polycarbonate Faceshield | 16 3/4 | x | .040 | x | 7 |
| SD510 | 7221000DUC | Duo-Coat Polycarbonate | 16 3/4 | x | .060 | x | 7 |





PROTECTO-SHIELD® PROLOK®

Versatility from the biggest name in industrial face protection

HEADGEAR

- Two tough thermoplastic browguards with sponge padded headbands for every budget and a variety of conditions
 - **SG413** - New version ratchet headgear for standard uses, including high-heat applications
 - **SG414** - Heat-resistant basic pinlock browguard for the tightest budgets
- Browguard headgear for safety caps also available

FACESHIELDS

- Wide variety of visor materials, sizes and tints for every application
- Sold separately



| Order No. | Mfg. No. | Description |
|-----------|----------|-------------|
|-----------|----------|-------------|

HEADGEAR

| | | |
|--------------|----------|--|
| SG413 | 11380048 | Ratchet Adjustment |
| SG414 | 11380049 | Pinlock Adjustment |
| SG416 | 11380057 | For Safety Cap with <i>Bilsom</i> ® Earmuffs |

| Order No. | Mfg. No. | Description | Size" |
|-----------|----------|-------------|-------|
|-----------|----------|-------------|-------|

FACESHIELDS - MOULDED

| | | | |
|---------------|----------|----------------------|-------------------|
| SG418 | 11390044 | Clear, Propionate | 8 1/2 x 15 x .060 |
| SG419 | 11390047 | Clear, Polycarbonate | 8 1/2 x 15 x .060 |
| SG423 | 11390058 | Clear, Polycarbonate | 9 x 20 x .040 |
| SG424 | 11390071 | Black Steel, 24 Mesh | - |
| SAK431 | 11390066 | Shade 3.0 | 8 1/2 x 15 x 0.60 |
| SAK432 | 11390067 | Shade 4.0 | 8 1/2 x 15 x 0.60 |
| SAK433 | 11390068 | Shade 5.0 | 8 1/2 x 15 x 0.60 |
| SAK434 | 11390069 | Shade 6.0 | 8 1/2 x 15 x 0.60 |

FACESHIELDS - ALUMINUM BOUNDED ACETATE

| | | | |
|--------------|----------|-------|-------------------|
| SG420 | 11390054 | Clear | 6 x 15 x .040 |
| SG421 | 11390055 | Clear | 8 1/2 x 15 x .040 |
| SG422 | 11390057 | Clear | 9 x 20 x .040 |



SG413



SG418



SG424



SG420

Visor material consists of:

- Moulded polycarbonate for maximum heat and impact resistance
- Moulded propionate for economy and scratch resistance
- Aluminum bound acetate for an easily contoured fit
- Steel mesh for heat absorption
- Designed to meet OSHA standards
- All faceshields feature a universal hole pattern for use with other manufacturer's as well as *Protecto-Shield*® headgear
- Injection moulded faceshields have the added benefits of *Prism-Perfect*™ optical properties, a built-in reinforced edge and thicker impact protection than acetate

NOTE:
Visor sold separately



BIONIC™ SHIELD

- Lightweight and balanced, ergonomic design for extended use
- Extended chin and top-of-head protection
- Enhanced protection from airborne debris
- Excellent optics and increased visibility
- Easy-to-set ratcheting headgear locking mechanism assures comfortable, secure fit

SAK421



- Highly adjustable headgear tilts visor nearer or farther from face depending on preference and application
- Easily replaceable visor with dual position choices
- Comfortable cell foam on back of headgear
- Breathable, removable, washable headband
- Comfortably worn with most goggles and respirators
- Passes ANSI Z87+ and CSA Z94.3 standards

| Order No. | Mfg. No. | Description |
|-----------|----------|-------------|
|-----------|----------|-------------|

FACESHIELD

| | | |
|---------------|-------|-------------------------------|
| SAK421 | S8500 | Clear uncoated visor |
| SAK422 | S8510 | Clear anti-fog hardcoat visor |

REPLACEMENT VISORS

| | | |
|---------------|-------|-------------------------|
| SAK423 | S8550 | Clear uncoated |
| SAK424 | S8555 | Clear anti-fog hardcoat |
| SAK425 | S8560 | Shade 3.0, uncoated |
| SAK426 | S8565 | Shade 5.0, uncoated |

ACCESSORIES

| | | |
|---------------|-------|----------------------|
| SAO774 | S8580 | Replacement headband |
| SAO775 | S8570 | Hard hat adapter |
| SAO776 | S8595 | Ratchet suspension |



Face Protection

DEFENDER® FACESHIELD FRAMES FOR SLOTTED CAPS

The *Defender*® faceshield frame for slotted caps is available in three versions: standard *V-Gard*® caps, *Topgard*® caps and for all MSA slotted caps.



SAG013
Frame

SAG016
Earmuffs



The *Defender*® frame features:

- Front-drip edge-splash protection
- Unlimited number of lift stop positions
- Long-lasting O-ring pivot-joint design
- Snap-in earmuffs option

- Easy in, easy out visor replacement
- Cap lockdown clip (For *V-Gard*® and *Topgard*® cap styles only)

Earmuff accessories available for frames. **Visors are sold separately for all frames.**

| Order No. | Mfg. No. | Description |
|-----------|----------|-------------|
|-----------|----------|-------------|

FACESHIELD FRAME

| | | |
|---------------|----------|---|
| SAG013 | 10021614 | Frame for Standard <i>V-Gard</i> ® Caps |
| SAG014 | 10021615 | Frame for <i>Topgard</i> ® Caps |
| SAG015 | 10021616 | Frame for all MSA Slotted Caps, not equipped with lockdown clip |

EARMUFF ACCESSORIES

| | | |
|---------------|----------|--|
| SAG016 | 10026398 | <i>Sound Blocker</i> 26 (26 NRR), includes clips |
| SAG018 | 10026362 | Replacement clips, 2 required (each) |

RATCHET HEADGEAR

Constructed from high density polyethylene. *Crews*® headgear consists of a 4" sparkguard, a fully adjustable crown strap, a locking cam system to securely hold the window in place, a ratchet type suspension for easy adjustment and friction knobs to allow the window to be raised.



Note: Faceshield sold separately.



| Order No. | Mfg. No. | Description | Window Dimensions H" x W" x D" |
|--------------|----------|--------------------------------|-----------------------------------|
| SA388 | 103 | Ratchet Headgear | 8 x 15 1/2 x - |
| SA301 | 181540 | Clear Polycarbonate Faceshield | 8 x 15 1/2 x .040 |

DEFENDER® FOLDBACK FACESHIELD FRAMES

PLASTIC & METAL

Foldback faceshield frames come in plastic (dielectric) and metal. Both plastic and metal frames come in cap styles. These frames can be used with slotted or non-slotted helmets.

Visors sold separately.



SAG022
Frame



NOTE:
Do not use metal Foldback Faceshield frame in electrical applications

| Order No. | Mfg. No. | Description |
|---------------|----------|---------------|
| SAG022 | 10016742 | Plastic Frame |
| SAG023 | 488160 | Metal Frame |



DEFENDER® HEADGEAR FACESHIELD FRAMES

NO HARD HAT REQUIRED

Use where no hard hat is required. Available in pinlock and ratchet suspension with standard *Sparkgard* except for **SAG021**, available in ratchet with extended high-temp *Sparkgard*. All styles adjust to head sizes 6 1/2 to 8. The extended high temp *Sparkgard* is for use in temperatures up to 250°F.

Visors sold separately.



| Order No. | Mfg. No. | Description |
|---------------|----------|--|
| SAG019 | 10021610 | Pinlock Suspension |
| SAG020 | 10021611 | Ratchet Suspension |
| SAG021 | 10021612 | Ratchet Suspension w/Extended High Temp <i>Sparkgard</i> |

See pages 149 - 151
for **MSA** Hard Hats



VISORS

Choose from a wide variety of visors that fit easily on *MSA* faceshield frames. PCTG Visors material, Polycyclohexylene Dimethylene Terephthalate, is a light-duty faceshield made of plastic reinforced polycarbonate. Faceshield is close to the same impact resistance, 15% less than polycarbonate and higher than acetate. Nitrometer visors and chin-guards incorporate an additional guard to help protect chin and neck and reduce the chance of upsweep of particles and splash. Visors should always be worn with primary eye protection such as high impact resistant spectacle or goggles. All *MSA* visors meet or exceed applicable requirements of ANSI Z87.1.

| Order No. | Mfg. No. | Description | Window Dimensions | | | |
|-------------------------------|----------|---|-------------------|---|--------|-------|
| | | | W" | x | D" x | H" |
| ACETATE | | | | | | |
| SAG024 | 488133 | Clear | 16 | x | .040 x | 8 |
| SAG025 | 491909 | Clear | 16 | x | .040 x | 6 |
| SAG026 | 488134 | Clear | 16 | x | .060 x | 8 |
| SAG027 | 488139 | Clear | 19 | x | .040 x | 8 |
| SAG028 | 488135 | Medium Green Tint | 16 | x | .040 x | 8 |
| SAG029 | 488136 | Medium Green Tint | 16 | x | .060 x | 8 |
| SAG030 | 488137 | Dark Green Tint | 16 | x | .040 x | 8 |
| POLYCARBONATE | | | | | | |
| SAG031 | 488131 | Clear, Formed | 16 | x | .040 x | 8 |
| SAG032 | 488132 | Clear, Formed | 16 | x | .060 x | 8 |
| SAG033 | 10017934 | Clear, Flat | 15 1/2 | x | .040 x | 8 |
| SAG034 | 488138 | Clear, Formed | 19 | x | .060 x | 8 |
| SAG035 | 491908 | Clear, Formed | 16 | x | .060 x | 6 |
| SAG036 | 802337 | Clear, Fog-Free | 16 | x | .040 x | 8 |
| PROPIONATE | | | | | | |
| SAG037 | 10005883 | Clear | 15 1/2 | x | .060 x | 8 |
| SAG038 | 10005882 | Shade #5, Green | 15 1/2 | x | .060 x | 8 |
| WIRE SCREEN | | | | | | |
| SAG041 | 476356 | Plastic Edge, 20 mesh (not for use in elevated temperatures) | 14 | x | - x | 6 1/2 |
| SAG042 | 457409 | Aluminum Edge, 20 mesh | 17 1/2 | x | - x | 8 |
| ARC SHIELD | | | | | | |
| SAG043 | 10006024 | Tinted, Propionate | 20 | x | .060 x | 10 |
| ELEVATED TEMPERATURE | | | | | | |
| SAG044 | 10005879 | Clear Polycarbonate, Gold Coating | 20 | x | .070 x | 9 1/2 |
| SAG045 | 10005880 | Medium Green Tint, Polycarbonate, Gold Coating | 20 | x | .070 x | 9 1/2 |
| NITROMETER VISORS | | | | | | |
| SAG046 | 488127 | Clear Acetate | 16 | x | .040 x | 6 |
| SAG047 | 488126 | Clear Polycarbonate | 16 | x | .040 x | 6 |
| SAG048 | 492220 | Medium Green Acetate | 16 | x | .040 x | 6 |
| SAG049 | 494916 | Clear Polycarbonate (Fog-Free) | 19 | x | .060 x | 8 |
| SAG050 | 817129 | Shade #5, Green Acetate | 16 | x | .040 x | 6 |
| SAG051 | 10005881 | Shade #5, Green Propionate | 16 | x | .060 x | 6 |
| NITROMETER CHIN-GUARDS | | | | | | |
| SAG052 | 10022241 | Clear Polycarbonate | | | | |
| SAG053 | 10022242 | Black Polypropylene | | | | |
| SAG054* | 10013631 | Blue Grey, Polycarbonate | | | | |

* For use only with visor **SAG051**

MSA



SAG024 visor
(headgear sold separately)



SAG031



SAG041

HEAD AND FACE PROTECTION SYSTEMS

Order No. **SAM400**

Contains:

- 1 **SAF960** V-Gard® hard hat, yellow
- 1 **SAG013** Frame for V-Gard®
- 1 **SAG024** Clear acetate visor
- 1 **SAG016** Sound Blocker muffs, 26 NRR

Order No. **SAM401**

Contains:

- 1 **SAF960** V-Gard® hard hat, yellow
- 1 **SAG013** Frame for V-Gard®
- 1 **SAG024** Clear acetate visor



SAM401



SAM400

MSA



Face Protection

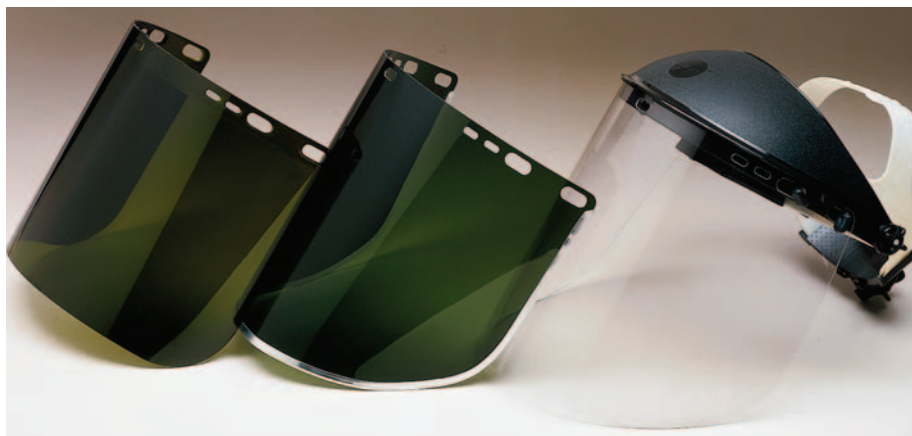
VISOR HEADGEAR

170-SB ADJUST-O-LOC™

- Size can be changed while being worn, by simply turning rear adjustment knob
- Floating pivot system allows visor to attach to tabs that extend from headband
- Head-gear tension is hand adjustable at either side
- Soft, urethane backed vinyl forehead cushion for added comfort
- **Visors sold separately**

Order No. 138-1613

Mfg. No. 170-SB



VISORS

- All Jackson faceshields meet or exceed ANSI Z87.1 standards for secondary eye protection.



| Order No. | Mfg. No. | Size | Tint | Binding |
|--------------------------------|-----------|--------------------|-------------|----------------|
| POLYCARBONATE | | | | |
| 138-1070 | 0754-0415 | 8" x 15.5" x .060" | Clear | Unbound |
| 138-1072 | 0754-0034 | 8" x 15.5" x .060" | IR/UV 3.0 | Unbound |
| 138-1074 | 0754-0031 | 8" x 15.5" x .060" | IR/UV 5.0 | Unbound |
| ACETATE | | | | |
| 138-1950 | 0754-0018 | 8" x 12" x .040" | Clear | Aluminum Bound |
| 138-1955 | 0754-0118 | 8" x 12" x .040" | Clear | Unbound |
| 138-1960 | 0754-0037 | 8" x 12" x .040" | Light Green | Aluminum Bound |
| 138-1965 | 0754-0038 | 8" x 12" x .040" | Dark Green | Aluminum Bound |
| 138-1970 | 0754-0020 | 8" x 12" x .060" | Clear | Aluminum Bound |
| 138-1035 | 0754-0029 | 9" x 15.5" x .040" | Clear | Aluminum Bound |
| 138-1045 | 0754-0129 | 9" x 15.5" x .040" | Clear | Unbound |
| 138-1050 | 0754-0039 | 9" x 15.5" x .040" | Light Green | Aluminum Bound |
| 138-1055 | 0754-0040 | 9" x 15.5" x .040" | Dark Green | Aluminum Bound |
| 138-1915 | 0754-0132 | 9" x 19.5" x .040" | Clear | Unbound |
| 138-1065 | 0754-0030 | 9" x 15.5" x .060" | Clear | Aluminum Bound |
| BLACK MESH STEEL SCREEN | | | | |
| 138-1110 | 0754-0033 | 9" x 15.5" | Mesh | Aluminum Bound |

39 FIBRE FACESHIELD

- Mounts to 170-SB faceshield headgear
- Holds 2 x 4 1/4" filter plate (not included)
- Ideal for gas welding vs. a goggle, provides excellent ventilation
- Should not be used as a welding helmet



| Order No. | Mfg. No. | Dimensions |
|-----------|-----------|--------------|
| 138-1105 | 0754-0032 | 6 1/2" x 12" |

See pages 228-231

for Welding Helmets





TYPE "K" FACE SAVER® HEADGEAR & VISORS

- Designed for optimum adjustability and comfort
- Tough thermoplastic construction
- Wraparound foam sweatband and Zahnlok™ ratchet suspension system
- Fit can be adjusted to exact head size in 1/16" increments
- Visors sold separately



HUNTSMAN®

| Order No. | Mfg. No. | Description |
|-----------|----------|-----------------|
| 141-1425 | 10000 | Type K Headgear |

SCHEDULE "A" VISORS

- Aluminum binding, except where noted
- For Huntsman K, K-4, K-10, Glendale™, Jackson® and Sellstrom® headgear or brackets
- Lens material: Acetate

| Order No. | Mfg. No. | Size | Tint |
|-----------|----------|------------------|--------------|
| 141-1760 | 15009 | 6" x 12" x .040" | Clear |
| 141-1455 | 15012 | 8" x 12" x .040" | Clear |
| 141-1465* | 15037 | 8" x 12" x .040" | Clear |
| 141-1467 | 15013 | 8" x 12" x .040" | Medium green |
| 141-1460 | 15014 | 8" x 12" x .040" | Dark green |

* No binding

SCHEDULE "B" VISORS

- Aluminum binding, except where noted
- For Huntsman K, K-4 and K-10, Glendale™, Fibre-Metal® and Jackson® headgear

| Order No. | Mfg. No. | Size | Tint | Material |
|-----------|----------|--------------------|--------------|---------------|
| 141-1470 | 15026 | 8" x 15.5" x .040" | Clear | Acetate |
| 141-1495* | 15033 | 8" x 15.5" x .040" | Clear | Acetate |
| 141-1480* | 15057 | 8" x 15.5" x .040" | Clear | Polycarbonate |
| 141-1475 | 15027 | 8" x 15.5" x .040" | Medium green | Acetate |
| 141-1505 | 15028 | 8" x 15.5" x .040" | Dark green | Acetate |
| 141-1473* | 15036 | 8" x 15.5" x .040" | Dark green | Acetate |

* No binding

SCHEDULE "E" VISORS

- Replaces Fibre-Metal® 4118 hole pattern visors
- Not for use with Type "K" headgear
- No binding

| Order No. | Mfg. No. | Size | Tint | Material |
|-----------|----------|--------------------|------------|----------|
| 141-5001 | 15073 | 8" x 11.5" x .040" | Dark Green | Acetate |

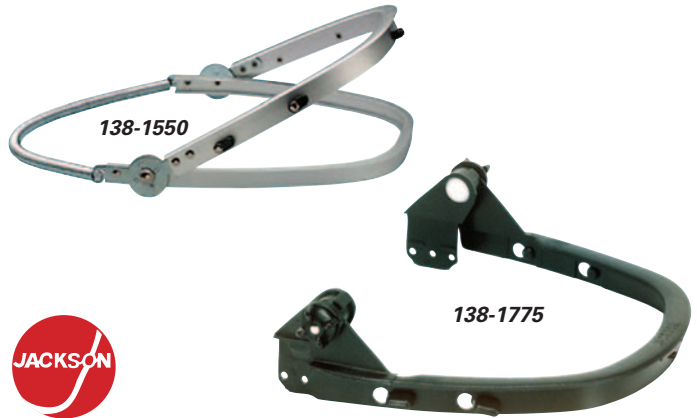
CAP SHIELDS

137 CAP SHIELD ADAPTER, METAL

- Metal device for non-slotted caps
- Curved aluminum channel and coil spring attachment
- Permits attachment of any visor to non-slotted caps
- Visors are secured with integral plastic lugs

437 CAP SHIELD ADAPTER, DIELECTRIC

- All plastic, totally dielectric device for slotted caps
- Curved plastic channel fits over the bill of the cap
- Includes pivoting blades which snap easily into cap slots
- Visors are secured with integral plastic lugs



| Order No. | Mfg. No. | Description |
|-----------|-----------|----------------------------|
| 138-1550 | 0742-0049 | 137 Cap Shield, Metal |
| 138-1775 | 0742-0037 | 437 Cap Shield, Dielectric |

CAP ADAPTERS

182 B CAP MOUNT ADAPTER, METAL

- Includes polyethylene spark deflector
- For use with non-slotted caps
- Visors secured with integral plastic lugs

282 B CAP MOUNT ADAPTER, DIELECTRIC

- Includes polyethylene spark deflector
- Mounts visor instantly on a wide variety of non-slotted caps with integral plastic lugs
- Uses clips pressed over the cap rim for firm fit; removes with thumb pressure
- Not to be used with caps with slots with rain troughs



138-1707 Cap adapter shown with visor and hard hat, sold separately

| Order No. | Mfg. No. | Description |
|-----------|-----------|-------------------------------|
| 138-1637 | 0742-0023 | 182 B Cap Adapter, Metal |
| 138-1707 | 0742-0024 | 282 B Cap Adapter, Dielectric |



Head Protection

PEAK A79

- High density polyethylene shell
- Side slots for attaching accessories
- Rain trough to shed rain out
- Reinforcing ribs for extra shell strength
- Choice of ratchet or pinlock suspension
- Vertical adjustable headband and foam perforated vinyl sweatband
- Weighs less than 12 oz.
- Pinlock and ratchet suspensions also available separately
- **ANSI Type 1 Class E approved**

| Order No. | Mfg. No. | Suspension | Colour |
|-----------|------------|------------|-----------|
| SA653 | A79010000 | Pinlock | White |
| SA654 | A79020000 | Pinlock | Yellow |
| SH138 | A79030000 | Pinlock | Orange |
| SH139 | A79080000 | Pinlock | Navy Blue |
| SH140 | A79040000 | Pinlock | Green |
| QZ045 | A79150000 | Pinlock | Red |
| SH141 | A79R010000 | Ratchet | White |
| SH142 | A79R020000 | Ratchet | Yellow |
| SH143 | A79R030000 | Ratchet | Orange |
| SH144 | A79R080000 | Ratchet | Navy Blue |
| SH145 | A79R040000 | Ratchet | Green |

Other colours available upon request

Ratchet



Pinlock



NORTH



ACCESSORIES

| Order No. | Mfg. No. | Description |
|-----------|----------|-------------------------------|
| SJ316 | A79C | Safety Cap 2-Point Chin Strap |
| SI917 | A79S1 | 4-Point Pinlock Suspension |
| SA0537 | A79RS2 | 4-Point Ratchet Suspension |

SUMMIT A99R

- High-density polyethylene provides all-around limited impact and penetration protection
- Universal slots will accept all attachments
- Expanded polystyrene inner shell prevents injuries from lateral, side and back impacts
- 6-point ratchet suspension system comes with 2 adjustment levels for headband
- Rear tab sliding mechanism allows centering of helmet on head
- Crown pad and sweatband for user comfort
- Weighs less than 17.1 oz.
- **Approved ANSI Type II, CSA Class E**

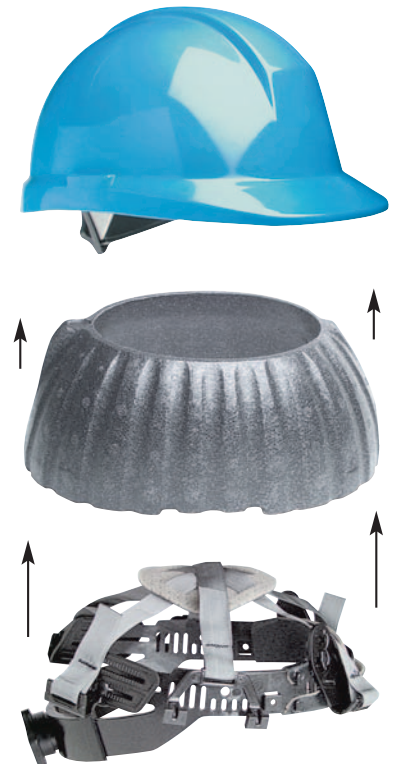
NORTH

| Order No. | Mfg. No. | Suspension | Colour |
|-----------|------------|------------|----------|
| SA651 | A99R010000 | Ratchet | White |
| SA652 | A99R020000 | Ratchet | Yellow |
| SH146 | A99R030000 | Ratchet | Orange |
| SA650 | A99R070000 | Ratchet | Sky Blue |
| SH147 | A99R040000 | Ratchet | Green |

Other colours available upon request

ACCESSORIES

| Order No. | Mfg. No. | Description |
|-----------|----------|-------------------------------|
| SJ317 | A99C | Safety Cap 4-Point Chin Strap |





Matterhorn A89

- Foam liner for extra protection from lateral impacts
- Rain trough
- Slotted for attachments
- Ratchet or "Quick Fit" suspension
- "Quick Fit" suspension is ultra-lightweight with locking action, simply squeeze buckle and loosen
- ANSI Type II Classe E, CSA Classe E



EVEREST A119R

- Provide protection from top, sides, front and back
- High-density polyethylene outer shell
- Universal slots
- Full all around brim for UV ray and rain protection
- Expanded polystyrene inner shell
- Ergonomically designed 6-point suspension with 2 adjustment levels
- Sliding mechanism on the rear for centering of the helmet on the head
- Ratchet mechanism fits head sizes 6 to 8
- Crown pad and sweatband for user comfort
- Weighs 17.4 oz.
- ANSI Type II Class E, CSA Class E



| Order No. | Mfg. No. | Suspension | Colour | Wt. oz. |
|-----------|------------|------------|-----------|---------|
| SH342 | A89010000 | Quick Fit | White | 14.7 |
| SH343 | A89020000 | Quick Fit | Yellow | 14.7 |
| SH344 | A89030000 | Quick Fit | Orange | 14.7 |
| SH345 | A89080000 | Quick Fit | Navy Blue | 14.7 |
| SH346 | A89040000 | Quick Fit | Green | 14.7 |
| SH347 | A89R010000 | Ratchet | White | 15.6 |
| SH348 | A89R020000 | Ratchet | Yellow | 15.6 |
| SH349 | A89R030000 | Ratchet | Orange | 15.6 |
| SH350 | A89R080000 | Ratchet | Navy Blue | 15.6 |
| SH351 | A89R040000 | Ratchet | Green | 15.6 |

ACCESSORIES

| | | |
|--------|--------|------------------------------|
| SAO538 | A89S2 | Quick Fit 4-Point Suspension |
| SAN022 | A89RS2 | 4-Point Ratchet Suspension |

| Order No. | Mfg. No. | Colour |
|-----------|-------------|----------|
| SE933 | A119R010000 | White |
| SE934 | A119R020000 | Yellow |
| SE935 | A119R030000 | Orange |
| SE936 | A119R070000 | Sky Blue |
| SE937 | A119R110000 | Black |
| SE938 | A119R150000 | Red |
| SAN168 | A119R080000 | Navy |

SUSPENSION TYPES:

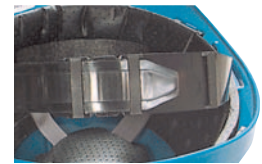
Pinlock



Ratchet



Quick Fit



EVEREST A49

- High-density polyethylene outer shell
- 6-point ratchet web suspension or pinlock suspension
- Full all around brim for UV ray and rain protection
- Side slots for easy attaching/detaching of accessories
- Sliding mechanism on rear tabs allows self-centering of the helmet on the head
- Crown pad and sweatband for user comfort
- Sizing adjustment from 6 1/2 to 8
- ANSI Type I Class E



| Order No. | Mfg. No. | Suspension | Colour | Wt. oz. |
|-----------|------------|------------|----------|---------|
| SE928 | A49R010000 | Ratchet | White | 15.4 |
| SE929 | A49R020000 | Ratchet | Yellow | 15.4 |
| SE930 | A49R070000 | Ratchet | Sky Blue | 15.4 |
| SE931 | A49R110000 | Ratchet | Black | 15.4 |
| SE932 | A49R150000 | Ratchet | Red | 15.4 |
| SH151 | A49010000 | Pinlock | White | 14.7 |
| SH152 | A49020000 | Pinlock | Yellow | 14.7 |
| SH153 | A49070000 | Pinlock | Sky Blue | 14.7 |
| SH154 | A49110000 | Pinlock | Black | 14.7 |
| SH155 | A49150000 | Pinlock | Red | 14.7 |

ACCESSORIES

| | | |
|-------|-------|-------------------------------|
| SJ317 | A99C | Safety Cap 4-Point Chin Strap |
| SI919 | A491S | 4-Point pinlock Suspension |





Head Protection



SAI588

BUMP CAPS BC86 & BC89 SERIES

- For low hazard area protection against minor bumps and scalp lacerations
- Cool, lightweight polyethylene construction resists cracking and chipping (not for use in areas requiring hard hat protection)
- One size fits all
- Available in different colours
- The BC86 series is ventilated
- **Not approved**

NORTH

| Order No. | Mfg. No. | Colour |
|---------------------------------|------------|-----------|
| BC89 SERIES | | |
| SD632 | BC89010000 | White |
| SD633 | BC89020000 | Yellow |
| SD634 | BC89070000 | Sky Blue |
| SD635 | BC89080000 | Navy Blue |
| SAJ119 | BC89030000 | Orange |
| BC86 SERIES - VENTILATED | | |
| SAI586 | BC86010000 | White |
| SAI587 | BC86020000 | Yellow |
| SAI588 | BC86070000 | Sky Blue |
| SAI589 | BC86080000 | Navy Blue |



SD635

TRAFFIC SAFETY HARD HATS

- Highly visible fluorescent hard hats with anti-glare protector under peak
- Hard hats with HDPE shell and rain trough
- 4-point nylon suspension and comfort pad
- 4 anchor points for chin strap
- **SAM549** and **SAM550** come with 3 *North-Brite™* stripes, 1" x 4", on side and back
- **SAM551** and **SAM552** come with 3 *North-Lite™* stripes, 1" x 4", on side and back
- ANSI Type 1

NORTH



SAM552



SAM550

| Order No. | Mfg. No. | Suspension | Colour |
|-----------|-----------|------------|--------|
| SAM549 | A7931/GY | Pin Lock | Orange |
| SAM550 | A79R31/GY | Ratchet | Orange |
| SAM551 | A7944/GS | Pin Lock | Yellow |
| SAM552 | A79R44/GS | Ratchet | Yellow |

PERSONALIZED HATS

Rather than simply wearing it, why not make it part of your total company image!

Have your company's logo printed or hot stamp engraved on hard hats. Both methods offer lasting results you will be proud to wear. Wide selection of colours to choose from. Call today for more information!

NOTE: Minimum quantities required



NORTH



V-GARD® PROTECTIVE CAPS

Offer Comfortable, Lightweight Protection

V-Gard® protective caps from MSA consist of a polyethylene shell and suspension system working together as a protection system. V-Gard® headwear features slotted sides and advanced styling in standard (6 1/2 - 8) size. Available with Staz-On®, Fas-Trac®, Uni-Pro® or 1-Touch™ suspension. Caps meet or exceed the applicable requirements for a **Type I** helmet (top impact) as outlined in **ANSI Z89.1 2003, Class E and G.**



| Order No. | Mfg. No. | Colour |
|-----------------------------|----------|-------------------|
| FAS-TRAC® SUSPENSION | | |
| SAF970 | 475358 | White |
| SAF971 | 475359 | Blue |
| SAF972 | 475360 | Yellow |
| SAF973 | 475361 | Orange |
| SAF974 | 475363 | Red |
| SAF975 | 475362 | Green |
| SAF976 | 475364 | Grey |
| SAF977 | 488146 | Hi-Viz Orange |
| SAF978 | 815565 | Hi-Viz Lime Green |
| SAF979 | 475365 | Gold |
| SAF980 | 495855 | Silver |
| SAF981 | 492559 | Black |
| 1-TOUCH™ SUSPENSION | | |
| SAM578 | 10057441 | White |
| SAM579 | 10057442 | Blue |
| SAM580 | 10057443 | Yellow |
| SAM581 | 10061514 | Hi-Viz Lime Green |

FREEDOM SERIES™ HARD HAT

- Canadian Maple Leaf design
- V-Gard® helmet with distinctive "all Canadian" graphics
- FAS-TRAC® suspension
- Meet requirements of ANSI Z89.1 2003 for a Type I helmet, Class E



| Order No. | Mfg. No. | Description |
|-----------|----------|-------------------|
| SA M667 | 10050613 | Maple Leaf Design |

MSA Suspension Types:



Fas-Trac®



1-Touch™

TOPGARD® PROTECTIVE CAPS

Uni-Ridge Design Protects Wearer From Falling Objects

Lightweight, durable Topgard® slotted caps are built for use by utilities and other industries where head protection from falling objects is necessary, along with good dielectric properties (non-conduction of electrical current). Limited resistance to top impact or penetration is retained through a wide range of temperatures.

Available in standard (6 1/2 - 8) size with 1-Touch™ or Fas-Trac® suspension.

SAF994 comes with lamp bracket and cord holder to support a miner's lamp. Topgard® caps meet or exceed the applicable requirements for a **Type I** helmet (top impact) as outlined in **ANSI Z89.1 2003, Class E and G.**



| Order No. | Mfg. No. | Colour |
|----------------------------|----------|--------|
| 1-TOUCH™ SUSPENSION | | |
| SAM569 | 454728 | White |
| SAM570* | 448914 | White |
| SAM571 | 454723 | Blue |
| SAM572 | 454721 | Yellow |
| SAM573 | 454725 | Orange |
| SAM574 | 454727 | Red |
| SAM575 | 454726 | Green |
| SAM576 | 454722 | Grey |

*With lamp bracket and cord holder

FAS-TRAC® SUSPENSION

| | | |
|--------|--------|--------|
| SAG002 | 475385 | White |
| SAG003 | 475380 | Blue |
| SAG004 | 475378 | Yellow |
| SAG005 | 475382 | Orange |
| SAG006 | 475384 | Red |
| SAG007 | 475383 | Green |
| SAG008 | 475379 | Grey |

REPLACEMENT SUSPENSIONS

| Order No. | Mfg. No. | Description |
|-----------|----------|----------------------|
| SAM577 | 10061127 | 1-Touch™ Suspension |
| SAG010 | 473333 | Fas-Trac® Suspension |



Head Protection

ADVANCE™ VENTED CAPS

- Vented advance caps provide cooling vents for improved air circulation and comfort
- *Glaregard™* under brim to reduce reflective glare
- Lateral contours above the ears for easy integration of hearing protection
- Lightweight design for added comfort
- 6-point *Fas-Trac®* suspension system
- Caps meet or exceed the applicable requirements for a Type I helmet (top impact) as outlined in **ANSI Z89.1 2003, Class C**



Fas-Trac® suspension



| Order No. | Mfg. No. | Colour |
|---------------|----------|---------------|
| SAM668 | 10034027 | White |
| SAM669 | 10034028 | Blue |
| SAM670 | 10034029 | Yellow |
| SAM671 | 10034031 | Red |
| SAM672 | 10034032 | Green |
| SAM673 | 10034003 | Grey |
| SAM674 | 10034035 | Hi-Viz Orange |

REPLACEMENT SUSPENSIONS

| Order No. | Mfg. No. | Description |
|---------------|----------|------------------|
| SAM682 | 10034967 | <i>Fas-Trac®</i> |

BUMP CAPS

- Protects scalp by reducing exposure to abrasions and lacerations caused by minor bumps to the head
- Ideal for meat packing plants, food processing, pest control, meter reading and automotive repair
- High-density polyethylene construction
- Perforated sides for cross-ventilation
- Adjustable, one size fits all
- **Not approved**



| Order No. | Mfg. No. | Colour |
|---------------|----------|--------|
| SAM701 | 10033650 | Blue |
| SAM702 | 10033651 | Yellow |
| SAM703 | 10033652 | White |

CANADIAN SUPER-V™ HELMETS

- Consists of a shell, foam liner and *Fas-Trac®* suspension system
- Provides limited impact and penetration protection in the event of top or lateral blow to head
- Tested for both top and lateral blows
- Certified to the **CAN/CSA Z94.1-1992** standard, **Class E**
- Meets all applicable requirements of **ANSI Z89.1-2003** for a **Type I** helmet (**Class E**)



| Order No. | Mfg. No. | Colour |
|---------------|----------|---------------|
| SAM685 | C217091 | White |
| SAM686 | C217093 | Yellow |
| SAM687 | C217092 | Blue |
| SAM688 | C217094 | Orange |
| SAM689 | C217095 | Red |
| SAM690 | C217096 | Green |
| SAM691 | C217097 | Navy Grey |
| SAM692 | C217100 | Hi-Viz Orange |

REPLACEMENT SUSPENSION

| Order No. | Mfg. No. | Description |
|---------------|----------|------------------|
| SAM693 | 818276 | <i>Fas-Trac®</i> |

GOGGLE CLIP

- Made of heavy-duty non-conductive plastic material
- Three-position adjustment, which enables the goggle clip to fit securely on different designs of hard hats
- Will accept most goggles on the market
- 3/package

Order No. **SAM034**
Mfg. No. **GC2000**





PROTECTIVE CAP ACCESSORIES

SUN SHIELDS

- Extends the brim all the way around
- Helps protect wearer's ears and neck from sun's rays
- Polyurethane construction
- Front portion is *Lexan*, smoke tint



| Order No. | Mfg. No. | Description |
|---------------|----------|---|
| SAM696 | 697290 | For <i>V-Gard</i> ® Cap only |
| SAM684 | 10039114 | For <i>V-Gard</i> ® <i>Advance</i> ™ Cap only |
| SAM698 | 697373 | For <i>Topgard</i> ® Cap only |

CHINSTRAPS

- Plastic chinstrap attaches to helmet shell
- Elastic chinstrap attaches to helmet suspension
- Use with Type I helmets



| Order No. | Mfg. No. | Description |
|---------------|----------|-------------------|
| SAM699 | 88128 | Plastic chinstrap |
| SAM700 | 81391 | Elastic chinstrap |

EXPLOSIONPROOF HEADLIGHT

CSA approved for use in Class 1, Division 1, Group C & D Hazardous Locations.

Totally enclosed, chemical-resistant light comes with an adjustable strap that mounts the light on a hard hat. Can also fit comfortably directly on worker's head. Lamp housing swivels 45° for accurate aim. Operates for approximately 4 hours on four AA batteries (**not included**). Wt. with batteries: 7.6 oz. Colour: Yellow

Order No. XA036
Mfg. No. HL-X



REPLACEMENT BATTERIES
AA 1.5V, 12/PKG
Order No. XB872
Mfg. No. EN91



LED HEAD BEAM™

- 1 red LED for better night vision
- 2 white LED's run 8 times longer than *Eveready*® krypton headlamps
- 50-hour run time
- Comes with 3 AAA batteries

Order No. XB941
Mfg. No. HD33A1EN

REPLACEMENT BATTERIES AAA,
24/pkg Priced per Package.

Order No. XB873
Mfg. No. EN92



WATERPROOF HEADLAMP

- Hard hat or forehead mounted
- 90° vertical adjustment range
- High intensity focused beam with a durable rubber headband
- Headlamp is submersible up to 30'
- Uses an easily replaceable halogen or krypton 4.8 V/0.75 A/3.6 W lamp
- Light output of 10,000 candlepower
- Operates on 4 AA alkaline cell batteries (**included**)
- Battery burn time is approximately 4 hours
- Lamp life is approximately 20 hours
- Weighs 200 g

| Order No. | Mfg. No. | Description |
|--------------|----------|---------------------|
| XA688 | HL-ST | Waterproof Headlamp |

REPLACEMENT PARTS

| | | |
|--------------|--------|-----------------------|
| XA674 | HL-601 | 10000 CP Krypton Lamp |
| XA676 | HL-603 | Rubber Strap |
| XA677 | HL-604 | Lens |



HARD HAT MOUNTING RACKS

Four models of racks are available to store your hard hat.

Seat Mount Rack hangs over the front or back of a car or truck seat.



SA660

Wall Mount Rack can be permanently mounted in a vehicle or office.



SA664

Partition Mount Rack hangs on any partition wall up to 2 1/2" thick



SC063

Window Kit allows the Wall Mount Rack to hang from a window of a truck or van.

*to be used with **SA664**

| Order No. | Mfg. No. | Description |
|--------------|----------|----------------------|
| SA660 | STR-1-SM | Seat Mount Rack |
| SA664 | STR-2-WM | Wall Mount Rack |
| SC063 | PM | Partition Mount Rack |

ACCESSORIES

SA665* STR-3-WMK Window Kit

* Order with Model **SA664** for complete rack



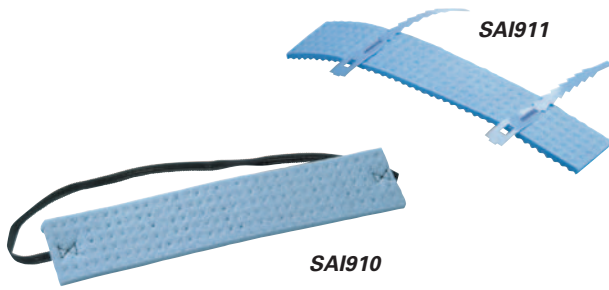
Head & Face

SWEATBANDS

Sweatbands are a cool and comfortable solution for hot work-place environments. Feature soft, reinforced sponge to absorb perspiration and prevent it from running into eyes or spectacles. Waffled sponge provides added durability with gauze scrim-reinforced design. Durable 14" nylon elastic band "box-stitched" into sponge material helps keep sweatband in place.

Clip-on version has harness that fits onto hard hats, welding helmets, or sandblast hood suspensions. For workers who wear head or face protection all day.

Dimensions: 8 5/8" x 1 3/4".



| Order No. | Mfg. No. | Description | Qty/Pkg |
|-----------|----------|-------------------|---------|
| SAI910 | 22011 | Sweatband | 25 |
| SAI911 | 22010 | Clip-On Sweatband | 25 |

HELMET PADS & SWEATBANDS

WELDAS®

- Field tested to improve helmet grip with maximum perspiration absorption
- **Helmet pads** are flame retardant for added safety
- Made of an absorbent air cushioned layer lined with 10% fleece cotton
- Velcro fastening system is designed to fit all major brands of headgear
- **Sweatbands** come with elastic strap



| Order No. | Description |
|-----------|--|
| 620-3100V | Non-Suspender pads for use with welding helmet |
| 620-3200V | Suspender pads for use with hard hats |
| SAM548 | Sweatbands |

HAIR NETS

Head cover keeps hair out of your eyes and safeguards against hazardous hair entanglements and product contamination. Ideal for pharmaceutical manufacturing, food processing or general industry.

A. BOUFFANT STYLE

Made of non-woven polypropylene. Available in medium, large and X-large in white, or large in blue.

B. LATEX-FREE BOUFFANT STYLE

Made of non-woven polypropylene. Colour: White.

| | Order No. | | Material | Size | Qty/Pkg. |
|----|-----------|-------|-------------------------|---------|----------|
| | White | Blue | | | |
| A. | SN748 | - | Non-woven polypropylene | Medium | 100 |
| | SN750 | SN749 | Non-woven polypropylene | Large | 100 |
| | SAH866 | - | Non-woven polypropylene | X-Large | 100 |
| B. | SAJ673 | - | Non-woven polypropylene | Large | 100 |
| | SAJ674 | - | Non-woven polypropylene | X-Large | 100 |



WINTER LINERS

Flame resistant outer shell.



MILD COLD

Single twill layer with napped inside for mild cold.

Order No. SAJ553
Mfg. No. 23-7701



MODERATE COLD

Twill outer layer and polyfiber/ cotton lined for moderate to severe cold.

Order No. SAM456
Mfg. No. 23-7733



SEVERE COLD

Twill outer layer, sheep thermal lined and full neck flap for severe cold.

Order No. SAM455
Mfg. No. 23-7711

WELDAS®



Winter liners give you just the right addition for warmth in cold conditions or on windy days. Can be worn with caps, hats, welding helmets, hard hats or alone. One size fits all.

WINTER LINERS

A. WINTER LINER

Provides light comfortable protection in the coldest weather. Made of 100% nylon and satin quilted lining (flame retardant). Completely dielectric (will not conduct electricity), features chin strap and black velcro fastener straps for easy attachment to safety cap suspensions.



A.

B. NYLON WINTER LINER

Designed to be worn inside the hard hat, features a zipper strategically fashioned to keep out the cold winds (may be removed for warmer temperatures). 100% nylon outer shell and has an inner quilted liner for comfort. Includes chin and fastener straps.



B.

C. COTTON WINTER LINER

Liner with detachable velcro face cover provides complete head, neck and face protection. Mouthpiece goes on easily to protect mouth, nose and cheeks. Metal grommets to reduce condensation. Navy Blue 100% fire retardant cotton long neck outer shell and heavy cotton inner lining. Totally dielectric and velcro closure. Available with or without mouthpiece.



C.

D. NOMEX LINER

Royal Blue 100% Nomex outer shell winter liner with heavy quilted lined facepiece. Slitted exhalation holes to reduce condensation. 100% flame proof, completely dielectric and velcro neck closure. With or without facepiece.



C.

E. WESTEX LINER

As above except the outer shell is made of Westex (Proban).



D & E

F. SOCK TYPE

Form-fitting socks stretch easily over any hard hat to prevent wind circulation, retain warmth, and absorb perspiration. Dielectric liner made of 100% stretch nylon or 100% Kevlar® knit. Available in Blue and Red for nylon sock, Yellow only for Kevlar® knit.



F. SC079

G. TUQUE

Acrylic tuque designed to fit around the ears and back of neck for excellent wind and cold protection, can be tucked inside the cap when not in use.



G.

H. THERMAL FACE PROTECTOR

Thermal face protector fits securely to any head size and can be tucked inside of jacket for total protection from icy winds. Made of stretch-knit washable nylon.



H.

I. BALACLAVA

Three hole style face protector is an excellent neck and face protector under severe weather conditions. 100% stretch nylon to be worn over the head.



I.

J. BALACLAVA HOOD

Standard length hood specifically designed for protection from fire. Made of 100% Nomex Balaclava. Available in ivory.



J.

K. BALACLAVA EXTRA LONG NECK

As above, however with extra long neck which drapes over chest and back.



| | Order No. | Mfg.No. | Description | Colour |
|----|-----------|------------|---|-----------------|
| A. | SC066 | WL1 | Winter Liner | Navy Blue |
| B. | SC069 | WL6 | Nylon Winter Liner | Black |
| C. | SC070 | WL12FP | Cotton Winter Liner w/Mouthpiece | Navy Blue |
| C. | SC071 | WL12 | Cotton Winter Liner w/o Mouthpiece | Navy Blue |
| D. | SC072 | WL40RBSP | Nomex Liner w/Facepiece | Royal Blue |
| D. | SC073 | WL40/1RBSP | Nomex Liner w/o Facepiece | Royal Blue |
| E. | SC074 | WL41RBSP | Westex Liner w/Facepiece | Royal Blue |
| F. | SC076 | WL20BLU | Nylon Sock Type | Blue |
| F. | SC077 | 036-WL-8B | Nylon Sock Type for SA650 - SA652 and SH146 - SH147 Hard Hats | Blue |
| F. | SC078 | WL20RED | Nylon Sock Type | Red |
| F. | SC079 | WL20XLRED | Nylon Sock Type for SA650 - SA652 and SH146 - SH147 Hard Hats | Red |
| G. | SC082 | WL50 | Tuque | Colour may vary |
| H. | SC083 | FM10 | Thermal Face Protector | Colour may vary |
| I. | SC084 | WL60 | Balaclava | Colour may vary |
| J. | SC085 | FH157 | Balaclava Hood | Ivory |
| K. | SC086 | FH257 | Balaclava Extra Long Neck | Ivory |



DRY PARTICULATE PROTECTIVE FABRICS

TYVEK®

- Industry Standard
- Superior particulate hold-out
- 99% of particles $\geq 5\mu\text{m}$
- Excellent barrier from hazardous and non-hazardous particles
- Excellent abrasion resistance - Tyvek® is inherently a barrier, so that the barrier remains essentially until the suit is damaged
- Lightweight
- Poor air permeability
- Poor performance in wet environments
- Excellent test data to support performance claims

Applications include:

Asbestos and lead abatement, Mould abatement, paint spraying, agricultural, food processing, fibreglass particle handling, nuclear power plants.

MICROMAX® NS

- Excellent particulate barrier from hazardous and non-hazardous particles
- Low pricing
- Performs well in wetter environments
- Lightweight
- Poor air permeability but good moisture vapour transmission
- Poor abrasion resistance

Applications include:

Similar to Tyvek®.

SAFEGARD SMS

- Good barrier against non-hazardous particles
- Excellent air permeability which leads to greater wearer comfort
- Good durability
- Lightweight
- Good price point
- Not for use in wet environments

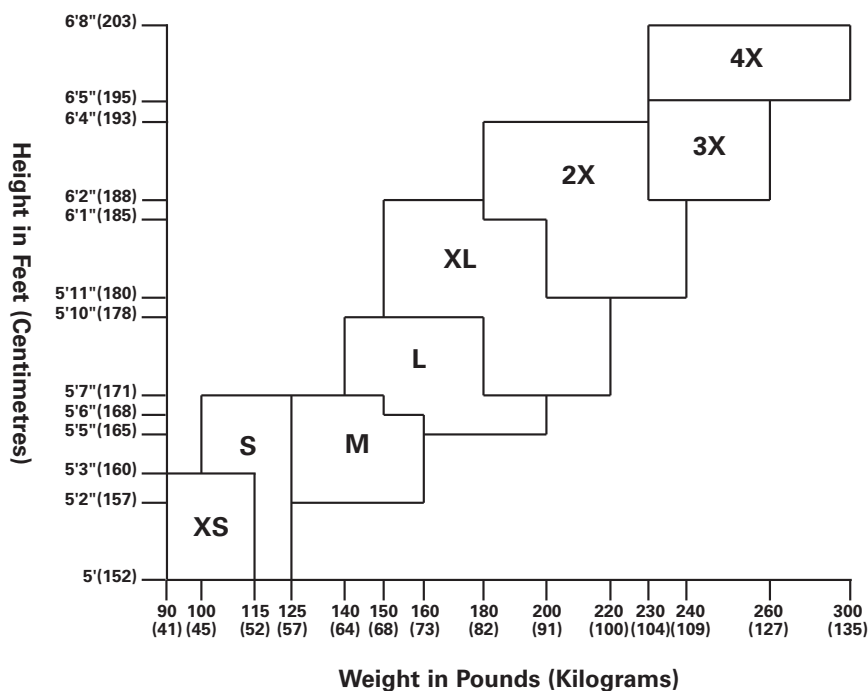
Applications include:

Dirt and dust protection, paint spraying, agricultural (non-hazardous dry chemicals), food processing, areas where heat stress is a concern.

SIZING CHART

Please Note:

This chart is a guide for garment selection, but proper fit varies with individual body shape and under-clothing. Test for proper fit before use. Garment performance depends on selecting appropriate size.



SEAM OPTIONS

SEWN AND BOUND SEAM

This seam joins two pieces of material with an overlay of similar material and is chain stitched through all of the layers for a clean finished edge. This provides increased holdout of liquids and dry particulates.

HEAT SEALED SEAM

A heat-sealed seam is sewn and then sealed with a heat activated tape. This method provides liquid proof seams, and is especially useful for level A and B chemical protective clothing.



SPUN-BONDED OLEFIN

Spun-bonded olefin is a unique, non-woven material.

Resistant to penetration, Tyvek® is chemically and biologically inert, low-linting and static-free until laundered.



Coverall



Hooded Coverall



Lab Coat



Applications:

Asbestos removal, paint spraying, light splashes, maintenance, general clean-up, dry particulate protection. Serged seams.

| | Order No. | Mfg. No. | Size | Qty/Case |
|---|-----------|----------|----------|----------|
| <p>COVERALL Zipper Front, Collar</p> | SA165 | 1412-S | Small | 25 |
| | SA164 | 1412-M | Medium | 25 |
| | SA163 | 1412-L | Large | 25 |
| | SA166 | 1412-XL | X-Large | 25 |
| | SC199 | 1412-2XL | 2X-Large | 25 |
| | SC200 | 1412-3XL | 3X-Large | 25 |
| | SC201 | 1412-4XL | 4X-Large | 25 |
| <p>COVERALL Zipper Front, Elastic Wrists and Ankles</p> | SG838 | 1417-S | Small | 25 |
| | SG839 | 1417-M | Medium | 25 |
| | SG840 | 1417-L | Large | 25 |
| | SG841 | 1417-XL | X-Large | 25 |
| | SG842 | 1417-2XL | 2X-Large | 25 |
| | SG843 | 1417-3XL | 3X-Large | 25 |
| | SG844 | 1417-4XL | 4X-Large | 25 |
| <p>HOODED COVERALL Zipper Front, Attached Hood, Elastic Wrists and Ankles</p> | SA169 | 1428-S | Small | 25 |
| | SA168 | 1428-M | Medium | 25 |
| | SA167 | 1428-L | Large | 25 |
| | SA170 | 1428-XL | X-Large | 25 |
| | SA171 | 1428-2XL | 2X-Large | 25 |
| | SC202 | 1428-3XL | 3X-Large | 25 |
| | SC203 | 1428-4XL | 4X-Large | 25 |
| <p>HOODED COVERALL W/BOOTS Zipper Front, Attached Hood, Boots and Elastic Wrists</p> | SC204 | 1414-S | Small | 25 |
| | SC205 | 1414-M | Medium | 25 |
| | SC206 | 1414-L | Large | 25 |
| | SC207 | 1414-XL | X-Large | 25 |
| | SC208 | 1414-2XL | 2X-Large | 25 |
| | SC209 | 1414-3XL | 3X-Large | 25 |
| | SC210 | 1414-4XL | 4X-Large | 25 |

| | Order No. | Mfg. No. | Size | Qty/Case |
|--|-----------|-----------|----------------|----------|
| <p>SHIRT Snap Front</p> | SC211 | 01201-S | Small | 50 |
| | SC212 | 01201-M | Medium | 50 |
| | SC213 | 01201-L | Large | 50 |
| | SC214 | 01201-XL | X-Large | 50 |
| | SC215 | 01201-2XL | 2X-Large | 50 |
| | SC216 | 01201-3XL | 3X-Large | 50 |
| | SC217 | 01201-4XL | 4X-Large | 50 |
| <p>PANTS Elastic Waist</p> | SC218 | 301-S | Small | 50 |
| | SG205 | 301-M | Medium | 50 |
| | SC219 | 301-L | Large | 50 |
| | SG206 | 301-XL | X-Large | 50 |
| | SG207 | 301-2XL | 2X-Large | 50 |
| | SG208 | 301-3XL | 3X-Large | 50 |
| | SG209 | 301-4XL | 4X-Large | 50 |
| <p>PULLOVER HOOD Pullover, Elasticized Face Opening, Covers Shoulders</p> | SC231 | 713 | One-Size | 250 |
| <p>LAB COAT Snaps, 2 Pockets, Collar</p> | SC220 | 01101-S | Small | 30 |
| | SC221 | 01101-M | Medium | 30 |
| | SC222 | 01101-L | Large | 30 |
| | SC223 | 01101-XL | X-Large | 30 |
| | SC224 | 01101-2XL | 2X-Large | 30 |
| | SC225 | 01101-3XL | 3X-Large | 30 |
| | SC226 | 01101-4XL | 4X-Large | 30 |
| <p>APRON Sewn Ties</p> | SF680 | 601 | 28" x 36" Long | 100 |
| | SA221 | 603 | 28" x 44" Long | 100 |
| <p>SLEEVES Elastic at Both Ends</p> | SC230 | 850 | 18" Long | 100 pr. |
| <p>SHOE/BOOT COVER Elastic Top</p> | SN295 | 901-S/M | 6" High, S/M | 200 pr. |
| | SN297 | 901-L/XL | 6" High, L/XL | 200 pr. |
| | SN296 | 903-S/M | 17" High, S/M | 200 pr. |
| | SN298 | 903-L/XL | 17" High, L/XL | 200 pr. |



Clothing

SafeGard®

SMS PROTECTIVE CLOTHING

Manufactured of 1.8 oz/yd or 60 gm/m, SMS (spunbonded-meltdown spunbonded) material that provides protection against many dry particulates. The breathable material is comfortable and cool to wear while still protecting the user.

Available in coveralls with elastic back and three pockets in different styles. Hooded coveralls available with extra long zipper. Lab coats also available in two styles, lab coat with three snaps and pockets or smock with attached ties.

Meets or exceeds ANSI 101 - 1996 sizing requirements and CE category 1 general protective clothing.

Colour: White except hooded coverall available in white and navy.




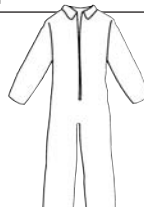



Lab Coat



Smock



Hooded Coverall

| | Order No. | Mfg. No. | Size | Qty /Case | |
|--|--|----------------|------------|-----------|----|
|  COVERALL Zipper Front w/ storm flap Collar | SAN810 | C8412-M-WSF | Medium | 25 | |
| | SAN811 | C8412-L-WSF | Large | 25 | |
| | SAN812 | C8412-XL-WSF | X-Large | 25 | |
| | SAN813 | C841 2-2XL-WSF | 2X-Large | 25 | |
| | SAN814 | C841 2-3XL-WSF | 3X-Large | 25 | |
| | SAN815 | C841 2-4XL-WSF | 4X-Large | 25 | |
|  COVERALL Zipper Front w/storm flap Elastic Wrists and Ankles | SAN816 | C8417-M-WSF | Medium | 25 | |
| | SAN817 | C8417-L-WSF | Large | 25 | |
| | SAN818 | C8417-XL-WSF | X-Large | 25 | |
| | SAN819 | C841 7-2XL-WSF | 2X-Large | 25 | |
| | SAN820 | C841 7-3XL-WSF | 3X-Large | 25 | |
| | SAN821 | C841 7-4XL-WSF | 4X-Large | 25 | |
| WHITE | | | | | |
|  HOODED COVERALL Zipper Front w/storm flap Attached Hood, Elastic Wrists and Ankles | SAN822 | C8428-M-WSF | Medium | 25 | |
| | SAN823 | C8428-L-WSF | Large | 25 | |
| | SAN824 | C8428-XL-WSF | X-Large | 25 | |
| | SAN825 | C8428-2XL-WSF | 2X-Large | 25 | |
| | SAN826 | C8428-3XL-WSF | 3X-Large | 25 | |
| | SAN827 | C8428-4XL-WSF | 4X-Large | 25 | |
| NAVY | | | | | |
|  LAB COAT Snaps 2 Pockets, Collar | SN467 | C8101-M60 | Medium | 30 | |
| | SN468 | C8101-LG60 | Large | 30 | |
| | SN469 | C8101-XL60 | X-Large | 30 | |
| | SN470 | C8101-2XL60 | 2X-Large | 30 | |
| |  SMOCK Attached Ties | SN473 | C8501-L60 | Large | 50 |
| | | SN474 | C8501-XL60 | X-Large | 50 |
| SN475 | | C8501-2XL60 | 2X-Large | 50 | |



MICROMAX® NS

- General purpose protective clothing
- Can be used in non-hazardous environments where dirt, splashes and spills are present
- *MicroMAX*® NS is economical, lightweight and is strong both wet or dry
- Breathable material for greater comfort
- Colour: white



Hooded Coverall

MICROMAX® NS PHYSICAL PROPERTIES

| | |
|--------------------------------|--|
| Basis Weight: | 1.85 oz/yd ² (63 grams) |
| Strip Tensile (MD): | 11.3 lbs. (ASTM D5035) (XD) 6 lbs. (ASTM D5035) |
| Tensile Strength (MD): | 24.4 lbs. (ASTM D5034) |
| (XD): | 16.2 lbs. (ASTM D5034) |
| Trap/Tear (MD): | 10.8 lbs. (ASTM D5733) (XD) 5.4 lbs. (ASTM D5733) |
| Ball Burst: | 25.1 lbs. (ASTM D3787) |
| Taber Abrasion: | 1062 cycles (ASTM D3884) |
| Mocon-Breathability: | 5031 |
| Air Permeability: | <0.562 cfm/ft ² |
| (ASTM D737) | |
| Surface Resistivity: | >1010 ohms (ASTM D257) |
| Hydrostatic Resistance: | 127+ cm (ASTM D751) |

FLAMMABILITY CLASS 1 (16CFR 1610)



| | Order No. | Mfg. No. | Size | Qty /Case |
|---|------------|------------|----------------|-----------|
| COVERALL | | | | |
| Zipper front with storm flap, Elastic wrists and ankles | SAN796 | CNS417-S | Small | 25 |
| | SAN797 | CNS417-M | Medium | 25 |
| | SAN798 | CNS417-L | Large | 25 |
| | SAN799 | CNS417-XL | X-Large | 25 |
| | SAN800 | CNS417-2XL | 2X-Large | 25 |
| | SAN801 | CNS417-3XL | 3X-Large | 25 |
| SAN802 | CNS417-4XL | 4X-Large | 25 | |
| HOODED COVERALL | | | | |
| Zipper front with storm flap, Attached Hood Elastic wrists and ankles | SAN803 | CNS428-S | Small | 25 |
| | SAN804 | CNS428-M | Medium | 25 |
| | SAN805 | CNS428-L | Large | 25 |
| | SAN806 | CNS428-XL | X-Large | 25 |
| | SAN807 | CNS428-2XL | 2X-Large | 25 |
| | SAN808 | CNS428-3XL | 3X-Large | 25 |
| SAN809 | CNS428-4XL | 4X-Large | 25 | |
| LAB COAT | | | | |
| Snaps 2 pockets, Collar | SAN226 | CTL101-S | Small | 30 |
| | SAN227 | CTL101-M | Medium | 30 |
| | SAN228 | CTL101-L | Large | 30 |
| | SAN229 | CTL101-XL | X-Large | 30 |
| | SAN230 | CTL101-2XL | 2X-Large | 30 |
| | SAN231 | CTL101-3XL | 3X-Large | 30 |
| SAN232 | CTL101-4XL | 4X-Large | 30 | |
| APRON | | | | |
| Sewn ties | SAM113 | CTL601 | 28" x 36" Long | 100 |

POLYPROPYLENE DELUXE SERIES

Breathable, non-irritating to the skin & durable lightweight polypropylene material which can be reused. Suit can be laundered or dry-cleaned. It creates a soil barrier for protection from dust, dirt and other particles in the air. Resistant to aqueous liquid splash, acids, mildew, abrasion, stain and bacteria. It is also a non-flammable product.

Available in standard coverall zipper closure or a coverall with hood. Hooded coveralls available with elastic at wrists and ankles. 2.5 oz. fabric weight
Colour: Light Blue.



Coverall



POLYPROPYLENE

Polypropylene is breathable, which makes it cool and comfortable while being perfect for the workplace where constant dirt and grime are encountered.

Available in coveralls with collar or hooded coveralls with elastic wrists and ankles. Economical & disposable material made of 1.25 oz. polypropylene, ideal solution for non-hazardous, non-toxic, grimy work environments. Colour: Blue



Coverall



| | Order No. | Mfg. No. | Size | Qty /Case |
|---|-----------|-----------|----------|-----------|
| COVERALL Zipper Front, Collar | SC875 | 35555/S | Small | 15 |
| | SC876 | 35555/M | Medium | 15 |
| | SC877 | 35555/L | Large | 15 |
| | SC878 | 35555/XL | X-Large | 15 |
| | SC879 | 35555/2XL | 2X-Large | 10 |
| HOODED COVERALL Zipper Front, Attached Hood, Elastic Wrists and Ankles | SC880 | 35595/S | Small | 15 |
| | SC881 | 35595/M | Medium | 15 |
| | SC882 | 35595/L | Large | 15 |
| | SC883 | 35595/XL | X-Large | 15 |
| | SC884 | 35595/2XL | 2X-Large | 10 |

| | Order No. | Mfg. No. | Size | Qty /Case |
|----------------------------------|---|--------------|------------|-----------|
| COVERALL Zipper Front, Collar | SN425 | C2412-SN40 | Small | 25 |
| | SN426 | C2412-MN40 | Medium | 25 |
| | SN427 | C2412-LN40 | Large | 25 |
| | SN428 | C2412-XLN40 | X-Large | 25 |
| | SN429 | C2412-2XLN40 | 2X-Large | 25 |
| | SN430 | C2412-3XLN40 | 3X-Large | 25 |
| | SN431 | C2412-4XLN40 | 4X-Large | 25 |
| | HOODED COVERALL Zipper Front, Attached Hood, Elastic Wrists and Ankles | SN433 | C2428-MN40 | Medium |
| SN434 | | C2428-LN40 | Large | 25 |
| SN435 | | C2428-XLN40 | X-Large | 25 |
| SN436 | | C2428-2XLN40 | 2X-Large | 25 |
| SN437 | | C2428-3XLN40 | 3X-Large | 25 |
| SN438 | | C2428-4XLN40 | 4X-Large | 25 |



Clothing

POLYPROPYLENE COVERALLS

- Ideal for janitorial, painting and general cleaning
- Disposable low cost solution for protection against grimy work environments
- Coveralls feature a zipper front and an attached hood
- Elastic wrist, ankle and hood
- Generous sizing to allow for increased comfort
- Comes in both regular and heavy weight, in both blue and white
- 25 coveralls per box

APPLICATIONS:

Construction, pharmaceutical, laboratories and agriculture industries



| Order No. | Mfg. No. | Size |
|--|-----------|----------|
| REGULAR WEIGHT (1.06 OZ.) BLUE | | |
| SAK103 | C71500202 | Small |
| SAK104 | C71500203 | Medium |
| SAK105 | C71500204 | Large |
| SAK106 | C71500205 | X-Large |
| SAK107 | C71500206 | 2X-Large |
| SAK108 | C71500207 | 3X-Large |
| SAK109 | C71500208 | 4X-Large |
| SAO969 | C71500209 | 5X-Large |
| REGULAR WEIGHT (1.06 OZ.) WHITE | | |
| SAK117 | C71501102 | Small |
| SAK118 | C71501103 | Medium |
| SAK119 | C71501104 | Large |
| SAK120 | C71501105 | X-Large |
| SAK121 | C71501106 | 2X-Large |
| SAK122 | C71501107 | 3X-Large |
| SAK123 | C71501108 | 4X-Large |
| SAO970 | C71501109 | 5X-Large |

| Order No. | Mfg. No. | Size |
|--------------------------------------|-----------|----------|
| HEAVY WEIGHT (2.10 OZ.) BLUE | | |
| SAK110 | C71540202 | Small |
| SAK111 | C71540203 | Medium |
| SAK112 | C71540204 | Large |
| SAK113 | C71540205 | X-Large |
| SAK114 | C71540206 | 2X-Large |
| SAK115 | C71540207 | 3X-Large |
| SAK116 | C71540208 | 4X-Large |
| SAO971 | C71540209 | 5X-Large |
| HEAVY WEIGHT (2.10 OZ.) WHITE | | |
| SAK125 | C71541103 | Medium |
| SAK126 | C71541104 | Large |
| SAK127 | C71541105 | X-Large |
| SAK128 | C71541106 | 2X-Large |
| SAK129 | C71541107 | 3X-Large |
| SAK130 | C71541108 | 4X-Large |
| SAO972 | C71541109 | 5X-Large |

PYROLON PLUS II®




FLAME RETARDANT FABRIC

Pyrolon Plus II® overgarments offer protection from a wide range of dry particulate hazards, while maintaining maximum performance from your thermal protective garment.

Ideal for welding, steel mills, coal mines, maintenance work, refineries, laboratories, utilities.

- Protection for expensive thermal protective garments
- Protection from a wide range of dry particulate hazards
- Water and oil repellency
- Ideal for dirty work protection; enhances the protection of your thermal garment
- Will not melt and drip or cause additional injury
- Used in combination with thermal protective garments
- Meets the standards of ANSI/ISEA 101-1996
- Colour: Blue



| | Order No. | Mfg. No. | Size | Qty/Case |
|--|-----------|-----------|----------|----------|
|  <p>Coverall Zipper Front, Collar</p> | SN339 | 7412-SB | Small | 25 |
| | SN340 | 7412-MB | Medium | 25 |
| | SN341 | 7412-LB | Large | 25 |
| | SN342 | 7412-XLB | X-Large | 25 |
| | SN343 | 7412-2XLB | 2X-Large | 25 |
| | SN344 | 7412-3XLB | 3X-Large | 25 |
|  <p>Hooded Coverall Zipper Front, Attached Hood, Elastic Wrists and Ankles</p> | SN346 | 7428-SB | Small | 25 |
| | SN347 | 7428-MB | Medium | 25 |
| | SN348 | 7428-LB | Large | 25 |
| | SN349 | 7428-XLB | X-Large | 25 |
| | SN350 | 7428-2XLB | 2X-Large | 25 |
| | SN351 | 7428-3XLB | 3X-Large | 25 |
|  <p>Hooded Coverall w/Boots Zipper Front, Attached Hood, Boots and Elastic Wrists</p> | SN352 | 7428-4XLB | 4X-Large | 25 |
| | SN353 | 7414-SB | Small | 25 |
| | SN354 | 7414-MB | Medium | 25 |
| | SN355 | 7414-LB | Large | 25 |
| | SN356 | 7414-XLB | X-Large | 25 |
| | SN357 | 7414-2XLB | 2X-Large | 25 |
| | SN358 | 7414-3XLB | 3X-Large | 25 |
| | SN359 | 7414-4XLB | 4X-Large | 25 |

DON'T GET BURNED BY YOUR CHOICE OF PROTECTIVE APPAREL

Don't sacrifice flame retardancy for barrier. Now you can have both. Lakeland Protective Wear, Inc. has the right fabric from Precision Fabrics Group, Inc. for all your FR needs. Have confidence in your selection of FRT garments. Garments made from the Pyrolon® family of fabrics allow you to choose the appropriate garment for maximum protection.

FOR A SELECTION OF RAINWEAR, SEE PAGES 162-165



NEOPRENE ON NYLON

Resists most acids, protects against splashes. Bib-style apron measures 36" x 48". Lightweight 12 oz. neoprene on nylon. Sewn-on ties. Colour: Yellow.



| Order No. | Mfg. No. | Description |
|-----------|----------|-------------|
| SA277 | 1276 | Neoprene |

POLYURETHANE ON NYLON

Bib style apron measures 36" x 48". Metal grommets with nylon ties. Colour: Yellow



| Order No. | Mfg. No. | Description |
|-----------|----------|--------------|
| SB910 | 1272 | Polyurethane |

BLUE DENIM

Bib-style carpenter's apron measures 27" x 34". Blue denim with sewn on ties. Comes with one top pocket with pencil holder and 3 waist pockets.



| Order No. | Mfg. No. | Description |
|-----------|----------|-------------|
| SB911 | 1289 | Denim |

BLUE DENIM

- Bib style cotton apron
- Comes with one top pocket with pencil holder and 3 waist pockets
- 38" L x 28" W
- 10 oz.

Order No. SAL585



VINYL

Protects from most acids, alkalis, oils and greases. Bib-style apron measures 36" x 48", frosted vinyl with metal grommets. Comes with nylon ties. Choice of 8 mil or 12 mil. Colour: Blue or white.



| Order No. | Mfg. No. | Description | Colour |
|---------------|--------------|-------------|--------|
| 8 MIL | | | |
| SA275 | 1265/8WHT | Hemless | White |
| SB906 | 1265/8SEBLU | Hemmed | Blue |
| SB907 | 1265/8SEWHT | Hemmed | White |
| 12 MIL | | | |
| SB908 | 1265/12SEBLU | Hemmed | Blue |
| SB909 | 1265/12SEWHT | Hemmed | White |

FLAME RETARDANT CANVAS

Green flame retardant canvas material. Bib-style apron measures 36" x 30" with sewn-on ties. Colour: Green.



| Order No. | Mfg. No. | Description |
|-----------|----------|-------------|
| SB912 | AFC79 | Canvas |

BLACK RUBBER

Chemical splash protection with abrasion resistance is comfortable to wear all day long. Resists acids, caustics, and chemicals for different uses. Vulcanized hem with sewn-on ties at neck and waist. Apron measures 35" x 45". Colour: Black.



| Order No. | Mfg. No. | Description |
|-----------|----------|---------------|
| SN532 | 27005000 | Heavy-Weight |
| SAL532 | 27006350 | Medium-Weight |



Clothing

LIGHTWEIGHT POLYURETHANE

- Bib style apron
- 48" L x 35" W
- 0.45 mm thick
- Colour: Yellow

| Order No. | Description |
|---------------|--------------|
| SAL666 | Polyurethane |



POLYETHYLENE

Disposable, 0.02 mm thick white polyethylene apron. This bib-style apron is 35" x 46" with waist ties. 100/pkg.

| Order No. | Description |
|---------------|--------------|
| SAG274 | Polyethylene |



CA-43™

- Flame retardant PVC coating on polyester
- Fabric is tough and durable while offering protection from most chemical and acid exposures
- Durable waist and neck ties
- Reinforced grommets at tie points
- 29" L x 48" W
- Colour: Kelly green

| Order No. | Mfg. No. |
|---------------|----------|
| SAL595 | A4348 |



LIGHTWEIGHT VINYL

- Bib style apron
- Rustproof heat sealed grommets
- Seamless edges that prevent buildup of bacteria and residue
- 45" L x 36" W
- 0.20 mm thick
- Colour: Blue

| Order No. | Mfg. No. |
|---------------|----------|
| SAL659 | 440080 |



COTTON DUCK

- Bib style white cotton apron
- 36" L x 29" W
- 10 oz.

Order No. **SAL533**



PVC ON POLYESTER FR

- Bib style apron
- Heavy duty features oil resistant and fire retardant material
- Rustproof heat sealed grommets
- Seamless edges that prevent buildup of bacteria and residue
- 48" L x 36" W
- Colour: Yellow

| Order No. | Mfg. No. | Description | Thickness mm |
|---------------|----------|---------------------------------------|--------------|
| SAL660 | 440060 | Regular | 0.35 |
| SAL661 | 440070 | Oil/Fire retardant | 0.35 |
| SAL662 | 440075 | Oil/Fire retardant w/reinforced belly | 0.48 |



HEXARMOR® APRON

- Cut, puncture and abrasion resistant
- Lightweight and more comfortable than traditional chain mail safety wear
- Machine washable, sanitizable
- Includes: adjustable straps
- Ideal for meat processing and packing, grinding and cutting/puncture applications
- Protects the body from accidents on the job site

| Order No. | Mfg. No. | Size W" x H" |
|---------------|----------|--------------|
| SAN763 | AP102222 | 20 x 22 |
| SAN764 | AP102229 | 20 x 29 |



NITRILE ON POLYESTER

- Heavy-duty bib style apron with metal grommets and polyester ties
- Reliable form of protection against industrial chemical splashes and the handling of corrosive solvents
- 48" L x 35" W
- 0.45 mm thick
- Colour: Black

| Order No. | Mfg. No. | Description |
|---------------|----------|-------------|
| SAL664 | 440100 | Nitrile |



NEOPRENE ON POLYESTER FR

- Bib style apron with metal grommets and polyester ties
- Reliable form of protection against industrial chemical splashes and the handling of corrosive solvents
- 48" L x 35" W
- 0.45 mm thick
- Colour: Yellow

| Order No. | Mfg. No. | Description |
|---------------|----------|-------------|
| SAL663 | 440090 | Neoprene |





NORTH

PROTECTIVE SLEEVES

VINYL

Completely heat sealed, made with 8 mil. vinyl. Elastic at both ends. Length: 18". Sold in pairs.

Order No. SB893 Blue **Mfg. No.** SLE8BLU

Order No. SA279 White **Mfg. No.** SLE8WHT



NEOPRENE

Medium weight neoprene construction. Elastic at both ends. Length: 18".

Colour: Yellow. Sold in pairs.

Order No. SA281 **Mfg. No.** SLE11



CANVAS

Canvas cotton sleeves come with snap closures at the wrists. Two snaps ensure secure fit. Reinforced seam at upper end. Length: 18". Colour: Beige. Sold in pairs.

Order No. SB895 **Mfg. No.** SLE18



FLAME RETARDANT CANVAS

100% cotton-flame retardant material.

Elastic at both ends. Length: 18". Colour: Lime green. Sold in pairs.

Order No. SB894 **Mfg. No.** SLE12



PVC ON POLYESTER

These PVC on polyester sleeves are strong and flexible. Sewn-in elastic at top with 1" wide elastic at bottom. Length: 18". Colour: Green. Sold in pairs.

Order No. SA282 **Mfg. No.** SLE13



PROTECTIVE SLEEVES

LIGHTWEIGHT VINYL

- Made with 0.20 mm vinyl
- Elastic cuffs; length: 18"
- Colour: Blue • **Sold in pairs**

Order No. SAL665 **Mfg. No.** 440020



PVC/ POLYESTER (FIRE RETARDANT)

- Elastic cuffs; length: 18"
- Colour: Yellow • **Sold in pairs**

Order No. SAL703 **Mfg. No.** 440040 Regular, 0.35 mm

Order No. SAL704 **Mfg. No.** 440050 Heavy-duty, 0.45 mm



COTTON

- Elastic at both ends
- Length: 18"
- Colour: White; 10 pairs/pkg

Order No. SAL705



TUBE STYLE COTTON

- Made wide for a better fit and greater comfort
- Length: 24"; colour: Beige
- **Sold in pairs**

Order No. SAL755

Mfg. No. S-24-WIDE



NYLON MESH

- Adjustable dome snap closure
- Length: 9"; Black
- **Sold in pairs**

Order No. SAM210



POLYETHYLENE

- Disposable; .02 mm polyethylene
- Elastic at both ends; length: 16"
- Colour: White; 100/pkg.

Order No. SAG275



LAB COATS

Unisex 42" long lab coat, convertible collar, button front with long sleeves. Breast pocket and 2 lower patch pockets. Side slash openings to access pants, back kick pleat. White 65% Polyester 35% Cotton Poplin (5 oz.).

SG820 to SG825

are available with snapette closure.

Colour: White.

Small = 34-36
Medium = 38-40
Large = 42-44
X-Large = 46-48
2X-Large = 50-52
3X-Large = 54-56



WELDING COVERALLS

100% cotton, two front-chest pockets, one with pencil slot, one with flap, two front swing pockets, side opening to trousers, two rear hip pockets, ruler pocket, metal shank button fly front, reinforced at all points of strain. Available in navy. Tall sizes also available.



| Order No. | Mfg. No. | Size |
|---------------------|-----------|----------|
| BUTTON FRONT | | |
| SG814 | 9504-S | Small |
| SG815 | 9504-M | Medium |
| SG816 | 9504-L | Large |
| SG817 | 9504-XL | X-Large |
| SG818 | 9504-XXL | 2X-Large |
| SG819 | 9504-XXXL | 3X-Large |

| Order No. | Mfg. No. | Size |
|--------------------------|-----------|----------|
| SNAPPETTE CLOSURE | | |
| SG820 | 9551-S | Small |
| SG821 | 9551-M | Medium |
| SG822 | 9551-L | Large |
| SG823 | 9551-XL | X-Large |
| SG824 | 9551-XXL | 2X-Large |
| SG825 | 9551-XXXL | 3X-Large |

| Order No. | Mfg. No. | Size |
|--------------|-------------|------|
| SG782 | 1448-30NAVY | 30 |
| SG783 | 1448-32NAVY | 32 |
| SG784 | 1448-34NAVY | 34 |
| SG785 | 1448-36NAVY | 36 |
| SG786 | 1448-38NAVY | 38 |
| SG787 | 1448-40NAVY | 40 |
| SG788 | 1448-42NAVY | 42 |
| SG789 | 1448-44NAVY | 44 |

| Order No. | Mfg. No. | Size |
|--------------|------------------|------|
| SG790 | 1448-46NAVY | 46 |
| SG791 | 1448-OS-48NAVY | 48 |
| SG792 | 1448-OS-50NAVY | 50 |
| SG793 | 1448-OS-52NAVY | 52 |
| SG794 | 1448-OOS-54NAVY | 54 |
| SG795 | 1448-OOS-56NAVY | 56 |
| SG796 | 1448-OOOS-58NAVY | 58 |
| SG797 | 1448-OOOS-60NAVY | 60 |



Rainwear

TEMPEST II WATERPROOF OUTERWEAR

- Durable hi-tech polyester and PVC shell protects you from the elements
- Double sewn, taped and heat-sealed seams for 100% waterproof protection
- 100% waterproof, windproof and machine washable

Red

Navy

JACKETS

- Full nylon lining and pit zips for breathability
- Five large zippered storage pockets
- Safety reflective tape on front and back
- Adjustable waist, hem and wrists for comfort
- Adjustable hood that folds into fleece-lined collar

CARGO PANTS

- Two pass-through pockets and two cargo style pockets
- Boot zipper for easy entry
- Adjustable side elastic waist
- Colour: Charcoal



| Order No. | Mfg. No. | Size | Waist" |
|--------------------|-----------|----------|--------|
| CARGO PANTS | | | |
| SAL420 | 838PP-S | Small | 30 |
| SAL421 | 838PP-M | Medium | 33 |
| SAL422 | 838PP-L | Large | 36 |
| SAL423 | 838PP-XL | X-Large | 39 |
| SAL424 | 838PP-2XL | 2X-Large | 42 |
| SAL425 | 838PP-3XL | 3X-Large | 45 |



Blue/
Charcoal

| Red /Charcoal Order No. | Mfg. No. | Blue /Charcoal Order No. | Mfg. No. | Navy /Charcoal Order No. | Mfg. No. | Size |
|-------------------------|-----------|--------------------------|-----------|--------------------------|-----------|----------|
| JACKETS | | | | | | |
| SAL402 | 838CR-S | SAL408 | 838CB-S | SAL414 | 838CN-S | Small |
| SAL403 | 838CR-M | SAL409 | 838CB-M | SAL415 | 838CN-M | Medium |
| SAL404 | 838CR-L | SAL410 | 838CB-L | SAL416 | 838CN-L | Large |
| SAL405 | 838CR-XL | SAL411 | 838CB-XL | SAL417 | 838CN-XL | X-Large |
| SAL406 | 838CR-2XL | SAL412 | 838CB-2XL | SAL418 | 838CN-2XL | 2X-Large |
| SAL407 | 838CR-3XL | SAL413 | 838CB-3XL | SAL419 | 838CN-3XL | 3X-Large |

TRI-ZONE II® WATERPROOF OUTERWEAR

- Made of hi-tech polyester and PVC shell that provides flexibility in the cold and protection from the elements
- Double sewn, taped and heat-sealed seams for 100% waterproof protection
- Reflective strips positioned for safety
- Generous sizing for more comfort and freedom of movement
- 100% waterproof, windproof and machine washable

Titanium

Royal

JACKETS

- Removable non-pill fleece inner jacket allows three different wearing options
- YKK main zippers for ease of use and reliability
- Seven large lined zip storage pockets
- Adjustable waist, hem and wrists for comfort
- Adjustable hood that snaps off or folds into fleece-lined collar
- Underarm and back two-way zip vents to provide breathability

PANTS

- Full two-way side zips with velcro cover for vented pant or tear away options
- Rear zip storage pocket
- Reinforced ripstop nylon on bottom, knees and inside lower legs
- Wide elastic waist with velcro adjusters and zipper fly access for comfort
- Versatile removable suspenders
- Colour: Black

| Order No. | Mfg. No. | Size | Waist" |
|--------------|----------|----------|--------|
| PANTS | | | |
| SAL396 | 848P-S | Small | 30 |
| SAL397 | 848P-M | Medium | 33 |
| SAL398 | 848P-L | Large | 36 |
| SAL399 | 848P-XL | X-Large | 39 |
| SAL400 | 848P-2XL | 2X-Large | 42 |
| SAL401 | 848P-3XL | 3X-Large | 45 |

| Royal Blue /Black Order No. | Mfg. No. | Charcoal /Black Order No. | Mfg. No. | Titanium /Black Order No. | Mfg. No. | Size |
|-----------------------------|-----------|---------------------------|-----------|---------------------------|------------|----------|
| JACKETS | | | | | | |
| SAL378 | 848BB-S | SAL384 | 848CB-S | SAL390 | 848BTT-S | Small |
| SAL379 | 848BB-M | SAL385 | 848CB-M | SAL391 | 848BTT-M | Medium |
| SAL380 | 848BB-L | SAL386 | 848CB-L | SAL392 | 848BTT-L | Large |
| SAL381 | 848BB-XL | SAL387 | 848CB-XL | SAL393 | 848BTT-XL | X-Large |
| SAL382 | 848BB-2XL | SAL388 | 848CB-2XL | SAL394 | 848BTT-2XL | 2X-Large |
| SAL383 | 848BB-3XL | SAL389 | 848CB-3XL | SAL395 | 848BTT-3XL | 3X-Large |



Charcoal/
Black



SPRINKLER

SUPER ECONOMY SUITS

- 100% unsupported yellow PVC material with an embossed finish
- 0.20 mm material thickness
- Jacket comes with storm flap and dome snaps, two patch pockets and a detachable hood
- Bib overall pants come with fly front
- Ankle and cuff take up snaps
- Non-conductive fasteners
- Generous sizing



| Order No. | Mfg. No. | Size |
|-----------|----------|---------|
| SG845 | R301Y20 | Small |
| SG846 | R301Y30 | Medium |
| SG847 | R301Y40 | Large |
| SG848 | R301Y50 | X-Large |

| Order No. | Mfg. No. | Size |
|-----------|----------|----------|
| SG849 | R301Y60 | 2X-Large |
| SG850 | R301Y70 | 3X-Large |
| SAO976 | R301Y80 | 4X-Large |
| SAO977 | R301Y90 | 5X-Large |

TORNADO LONG COAT

- Yellow PVC/Polyester/PVC
- 0.35 mm material thickness
- Ultrasonically welded seams
- 48" long coat comes with storm flap, dome snaps, two patch pockets, corduroy collar and detachable hood
- Cape back and underarm vents
- Cuff take-up snaps
- Non-conductive fasteners
- Also available in orange
- Fire retardant coat also available
- Generous sizing



| Order No. | Mfg. No. | Size |
|-----------|----------|---------|
| SG857 | R601Y20 | Small |
| SG858 | R601Y30 | Medium |
| SG859 | R601Y40 | Large |
| SG860 | R601Y50 | X-Large |

| Order No. | Mfg. No. | Size |
|-----------|----------|----------|
| SG861 | R601Y60 | 2X-Large |
| SG862 | R601Y70 | 3X-Large |
| SAO988 | R601Y80 | 4X-Large |
| SAO989 | R601Y90 | 5X-Large |

TORNADO TRAFFIC RAIN SUIT

- Features two reflective stripes down the chest, an "X" on the back and 360° reflectability around the waist, both arms & legs
- Material thickness of 0.35 mm
- PVC polyester coated both sides
- Jacket comes with storm flap, dome fasteners, two patch pockets, corduroy collar and detachable hood
- Bib overalls come with fly front and adjustable suspenders
- Adjustable waist snaps
- Non-conductive fasteners
- Ultrasonically welded seams
- Available in lime green or orange
- Generous sizing



| Order No. | Mfg. No. | Size |
|-------------------|----------|----------|
| LIME GREEN | | |
| SAI108 | R401L21 | Small |
| SAI109 | R401L31 | Medium |
| SAI110 | R401L41 | Large |
| SAI111 | R401L51 | X-Large |
| SAI112 | R401L61 | 2X-Large |
| SAI113 | R401L71 | 3X-Large |
| SAO990 | R401L81 | 4X-Large |
| SAO991 | R401L91 | 5X-Large |

| Order No. | Mfg. No. | Size |
|---------------|----------|----------|
| ORANGE | | |
| SAI114 | R401O21 | Small |
| SAI115 | R401O31 | Medium |
| SAI116 | R401O41 | Large |
| SAI117 | R401O51 | X-Large |
| SAI118 | R401O61 | 2X-Large |
| SAI119 | R401O71 | 3X-Large |
| SAO992 | R401O81 | 4X-Large |
| SAO993 | R401O91 | 5X-Large |

TORNADO ECONOMY

- 0.35 mm material thickness
- Ultrasonically welded seams
- Jacket comes with storm flap, dome snaps, two patch pockets, corduroy collar and detachable hood
- Cape back and underarm vents
- Bib overall pants features non-conductive fasteners fly front and adjustable suspenders
- Ankle and cuff take-up snaps
- Adjustable waist snaps
- Available in yellow and orange
- PVC/Polyester/PVC
- Generous sizing



| Order No. | Mfg. No. | Size |
|---------------|----------|----------|
| YELLOW | | |
| SG851 | R401Y20 | Small |
| SG852 | R401Y30 | Medium |
| SG853 | R401Y40 | Large |
| SG854 | R401Y50 | X-Large |
| SG855 | R401Y60 | 2X-Large |
| SG856 | R401Y70 | 3X-Large |
| SAO978 | R401Y80 | 4X-Large |
| SAO979 | R401Y90 | 5X-Large |

| Order No. | Mfg. No. | Size |
|---------------|----------|----------|
| ORANGE | | |
| SAO980 | R401O20 | Small |
| SAO981 | R401O30 | Medium |
| SAO982 | R401O40 | Large |
| SAO983 | R401O50 | X-Large |
| SAO984 | R401O60 | 2X-Large |
| SAO985 | R401O70 | 3X-Large |
| SAO986 | R401O80 | 4X-Large |
| SAO987 | R401O90 | 5X-Large |

FURY FIRE RETARDANT RAIN SUIT

FLAME RETARDANT

- Tear-resistant PVC/Nylon/PVC material
- Jacket comes with storm flap, dome snap fasteners, two patch pockets and detachable hood
- Cape back vent on jacket with underarm vents
- Ankle and cuff take up snaps
- Non-conductive fasteners
- Ultrasonically welded seams
- Pants feature adjustable suspenders and adjustable waist straps
- Colour: Yellow. Available in orange
- 0,35 mm thickness • Generous sizing



| Order No. | Mfg. No. | Size |
|-----------|----------|---------|
| SG863 | R501Y20 | Small |
| SG864 | R501Y30 | Medium |
| SG865 | R501Y40 | Large |
| SG866 | R501Y50 | X-Large |

| Order No. | Mfg. No. | Size |
|-----------|----------|----------|
| SG867 | R501Y60 | 2X-Large |
| SG868 | R501Y70 | 3X-Large |
| SAP031 | R501Y80 | 4X-Large |

LIGHTWEIGHT FLAME RETARDANT RAIN SUIT

- Hi-viz yellow PVC/Polyester/PVC material
- Ultrasonically welded seams
- Features a premium grade of PVC resins to offer limited protection in potential flammability or combustible environments
- Jacket comes with storm flap, dome snaps, two patch pockets and detachable hood
- Cape back and underarm vents
- Bib overall pants come with fly front and adjustable suspenders
- Ankle and cuff take-up snaps
- Adjustable waist snaps
- Non-conductive fasteners • 0.35 mm thick



| Order No. | Mfg. No. | Size |
|-----------|----------|---------|
| SAL708 | R411Y20 | Small |
| SAL709 | R411Y30 | Medium |
| SAL710 | R411Y40 | Large |
| SAL711 | R411Y50 | X-Large |

| Order No. | Mfg. No. | Size |
|-----------|----------|----------|
| SAL712 | R411Y60 | 2X-Large |
| SAL713 | R411Y70 | 3X-Large |
| SAL714 | R411Y80 | 4X-Large |
| SAP032 | R411Y90 | 5X-Large |



Rainwear

HURRICANE

FLAME RETARDANT AND OIL RESISTANT RAIN SUITS

- Premium PVC coated polyester fabric provides maximum abrasion and tear resistance
- 0.45 mm material thickness
- Flame retardant meets or exceeds two-second flame out as in CGSB standards C**/CGSB-155.20
- Oil resistant material provides excellent protection against most chemical splashes
- Taped, ultrasonically welded, sewn seams provide triple strength and maximum performance
- Jacket specially designed without vents for chemical protection
- Rust proof snaps on jacket are concealed within the material
- Wide leg design for generous fit over work boots and improved mobility
- Special hood design is non-detachable, complete with drawstrings and enough room to accommodate most hard hats

- Double bib pants come with heavy-duty quick release fasteners, wide adjustable suspenders and waist snaps for increased comfort
- Inside pocket on bib pant for storage of small tools, maps, instructions or personal items
- Also available in 48" long coat, coverall and traffic suit
- Traffic suit is orange with reflective strips
- Rainsuits available in yellow, olive green and Hi-Viz orange
- Generous sizing



| Yellow Order No. | Mfg. No. | Green Order No. | Mfg. No. | Hi Viz Orange Order No. | Mfg. No. | Size |
|------------------|----------|-----------------|----------|-------------------------|----------|----------|
| RAINSUITS | | | | | | |
| SG887 | R801Y20 | SG893 | R801G20 | SG899 | R801O20 | Small |
| SG888 | R801Y30 | SG894 | R801G30 | SG900 | R801O30 | Medium |
| SG889 | R801Y40 | SG895 | R801G40 | SG901 | R801O40 | Large |
| SG890 | R801Y50 | SG896 | R801G50 | SG902 | R801O50 | X-Large |
| SG891 | R801Y60 | SG897 | R801G60 | SG903 | R801O60 | 2X-Large |
| SG892 | R801Y70 | SG898 | R801G70 | SG904 | R801O70 | 3X-Large |
| SAO994 | R801Y80 | SAO996 | R801G80 | SAO998 | R801O80 | 4X-Large |
| SAO995 | R801Y90 | SAO997 | R801G90 | SAO999 | R801O90 | 5X-Large |
| JACKETS | | | | | | |
| SI783 | R802Y20 | SN799 | R802G20 | SN805 | R802O20 | Small |
| SG905 | R802Y30 | SN800 | R802G30 | SN806 | R802O30 | Medium |
| SG906 | R802Y40 | SN801 | R802G40 | SN807 | R802O40 | Large |
| SG907 | R802Y50 | SN802 | R802G50 | SN808 | R802O50 | X-Large |
| SG908 | R802Y60 | SN803 | R802G60 | SN809 | R802O60 | 2X-Large |
| SG909 | R802Y70 | SN804 | R802G70 | SN810 | R802O70 | 3X-Large |
| SAP001 | R802Y80 | SAP003 | R802G80 | SAP005 | R802O80 | 4X-Large |
| SAP002 | R802Y90 | SAP004 | R802G90 | SAP006 | R802O90 | 5X-Large |
| PANTS | | | | | | |
| SN811 | R803Y20 | SN817 | R803G20 | SN823 | R803O20 | Small |
| SN812 | R803Y30 | SN818 | R803G30 | SN824 | R803O30 | Medium |
| SN813 | R803Y40 | SN819 | R803G40 | SN825 | R803O40 | Large |
| SN814 | R803Y50 | SN820 | R803G50 | SN826 | R803O50 | X-Large |
| SN815 | R803Y60 | SN821 | R803G60 | SN827 | R803O60 | 2X-Large |
| SN816 | R803Y70 | SN822 | R803G70 | SN828 | R803O70 | 3X-Large |
| SAP007 | R803Y80 | SAP009 | R803G80 | SAP011 | R803O80 | 4X-Large |
| SAP008 | R803Y90 | SAP010 | R803G90 | SAP012 | R803O90 | 5X-Large |



| Order No. | Mfg. No. | Size |
|------------------------|----------|----------|
| 48" YELLOW COAT | | |
| SN829 | R851Y20 | Small |
| SN830 | R851Y30 | Medium |
| SN831 | R851Y40 | Large |
| SN832 | R851Y50 | X-Large |
| SN833 | R851Y60 | 2X-Large |
| SN834 | R851Y70 | 3X-Large |
| SAP013 | R851Y80 | 4X-Large |
| SAP014 | R851Y90 | 5X-Large |

| Order No. | Mfg. No. | Size |
|-----------------------|----------|----------|
| GREEN COVERALL | | |
| SAI120 | R806G20 | Small |
| SAI121 | R806G30 | Medium |
| SAI122 | R806G40 | Large |
| SAI123 | R806G50 | X-Large |
| SAI124 | R806G60 | 2X-Large |
| SAI125 | R806G70 | 3X-Large |
| SAP015 | R806G80 | 4X-Large |
| SAP016 | R806G90 | 5X-Large |

| Order No. | Mfg. No. | Size |
|-----------------------------------|----------|----------|
| HI VIZ ORANGE TRAFFIC SUIT | | |
| SAI126 | R801O21 | Small |
| SAI127 | R801O31 | Medium |
| SAI128 | R801O41 | Large |
| SAI129 | R801O51 | X-Large |
| SAI130 | R801O61 | 2X-Large |
| SAI131 | R801O71 | 3X-Large |
| SAP017 | R801O81 | 4X-Large |
| SAP018 | R801O91 | 5X-Large |

- Features two reflective stripes down the chest, an "X" on the back and 360° reflectability around the waist, both arms & legs





STORM

DURABLE LIGHTWEIGHT
NYLON/PVC MATERIAL



SG869



- Double lapped, taped, ultrasonically welded and sewn seams provide superior seam strength
- Jacket comes with zipper front, large storm flap, two pockets with *Velcro*® closure
- Front and back vents on jacket along with inner mesh back lining provides improved ventilation
- Sleeve design provides maximum freedom of movement for long-term comfort
- Bib overall pants are designed with heavy duty quick release fasteners, adjustable suspenders and *Velcro*® fly closure
- Wide corduroy collar for increased comfort
- *Velcro*® and zipper leg closure for generous opening over work boots
- Elasticised back on waist of pants for improved movement
- Zippered hood with drawstrings also converts into storage pouch for rain suits
- Features two reflective stripes down the chest, an "X" on the back and 360° reflectability around the waist, both arms & legs
- Available in yellow, forest green and Hi-Viz orange
- Also available in Hi-Viz orange traffic suit with reflective stripes
- Generous sizing

SAI132



| Yellow Order No | Mfg. No. | Green Order No | Mfg. No. | Hi Viz Orange Order No | Mfg. No. | Size |
|-----------------|----------|----------------|----------|------------------------|----------|----------|
| SG869 | R701Y20 | SG875 | R701G20 | SG881 | R701O20 | Small |
| SG870 | R701Y30 | SG876 | R701G30 | SG882 | R701O30 | Medium |
| SG871 | R701Y40 | SG877 | R701G40 | SG883 | R701O40 | Large |
| SG872 | R701Y50 | SG878 | R701G50 | SG884 | R701O50 | X-Large |
| SG873 | R701Y60 | SG879 | R701G60 | SG885 | R701O60 | 2X-Large |
| SG874 | R701Y70 | SG880 | R701G70 | SG886 | R701O70 | 3X-Large |
| SAP025 | R701Y80 | SAP027 | R701G80 | SAP029 | R701O80 | 4X-Large |
| SAP026 | R701Y90 | SAP028 | R701G90 | SAP030 | R701O90 | 5X-Large |

TRAFFIC SUITS

| Order No. | Mfg. No. | Size | Order No. | Mfg. No. | Size |
|-----------|----------|---------|-----------|----------|----------|
| SAI132 | R701O21 | Small | SAI136 | R701O61 | 2X-Large |
| SAI133 | R701O31 | Medium | SAI137 | R701O71 | 3X-Large |
| SAI134 | R701O41 | Large | SAO023 | R701O81 | 4X-Large |
| SAI135 | R701O51 | X-Large | SAO024 | R701O91 | 5X-Large |

TRAFFIC RAINWEAR

- Orange Hi Viz PVC on nylon
- Flame resistant, water repellant has good abrasion resistance and is not affected by most chemical products and acids
- All seams are electronically sealed to prevent leakage
- 2" *North-Brite*™ reflective stripes
- Rust proof hardware
- Jacket, pants and hood are sold separately



| Order No. | Mfg. No. | Size | Order No. | Mfg. No. | Size |
|---------------|--------------|----------|--------------|--------------|----------|
| JACKET | | | PANTS | | |
| SD458 | TV7001HV/S | Small | SD463 | TV7002HV/S | Small |
| SD459 | TV7001HV/M | Medium | SD464 | TV7002HV/M | Medium |
| SD460 | TV7001HV/L | Large | SD465 | TV7002HV/L | Large |
| SD461 | TV7001HV/XL | X-Large | SD466 | TV7002HV/XL | X-Large |
| SD462 | TV7001HV/2XL | 2X-Large | SD467 | TV7002HV/2XL | 2X-Large |
| HOOD | | | | | |
| SD468 | AV7004HV | - | | | |

PONCHO

- 100% unsupported single-ply PVC
- Material thickness: 0.18 mm
- All seams are ultrasonically welded
- Poncho packaged in a zip lock bag
- Available in Hi-Viz yellow and Hi-Viz orange
- One size fits all

Order No. SAI144 Orange
Mfg No. R101O00

Order No. SAI145 Yellow
Mfg No. R101Y00





Ergonomics

DUAL-FLEX™

For firm support, the *Dual-Flex™* contains four stays on the front and back of the wrist to limit flexion (downward) and extension (upward) movement and encourage neutral wrist position. The straps wrap completely around the wrist for added support. Easy to put on, it is lined to keep hands dry and fits both right and left hands. Available in black.

| Black Order No. | Mfg. No. | Size |
|-----------------|----------|---------|
| SAL447 | 7212-00 | X-Small |
| SAL448 | 7212-01 | Small |
| SAL449 | 7212-02 | Medium |
| SAL450 | 7212-03 | Large |
| SAL451 | 7212-04 | X-Large |



MAXRIST®

Maxrist® offers a restrictive metal spoon stay that fits in the palm to eliminate the symptoms of carpal tunnel syndrome and other repetitive strain injuries. Its lightweight flexible material does not hinder finger movement.



| Right Order No. | Mfg. No. | Left Order No. | Mfg. No. | Size |
|-----------------|----------|----------------|----------|---------|
| SD374 | 7109-01 | SD378 | 7109-01 | Small |
| SD375 | 7109-02 | SD379 | 7109-02 | Medium |
| SD376 | 7109-03 | SD380 | 7109-03 | Large |
| SD377 | 7109-04 | SD381 | 7109-04 | X-Large |

THIN FLEXRIST®

The comfortable all around support of neoprene that can be worn on either the right or the left hand. Thin enough to fit easily into work gloves. Unisize.

Order No. SD382
Mfg. No. 7311



SD371

FLEXKNEE

Grueling deep knee work requires tough protection. Designed with lightweight pads capped by large abrasion-resistant rubber caps for long-lasting wear. The rubber cap allows maximum flexibility while maintaining a secure fit. Excellent for non-slip, hard surface work environments.

Order No. SD371

DELUXE SOFTKNEE

An extra wide foam pad makes this knee pad the most comfortable in the industry. Designed with a tough water-resistant cover and no kneecaps, it is perfect for jobs where protecting the work surface is a primary concern. 1 1/2" elastic straps are adjustable and are equipped with velcro closures.

Order No. SD369

WELDING KNEE PAD

Made of fire and heat resistant leather with a flexible non-skid cap designed to stand up to the everyday demands of the welding environment. Not just for welding jobs, this knee pad is a good choice in any high heat applications such as smelters and foundries.

Order No. SM777

LEATHER KNEE PAD

Tough abrasion-resistant leather for maximum protection and soft cushion back for comfort. Elastic straps with velcro closures ensure a secure fit. Because of its resistance to heat and fire, this is ideal for welders or any construction application such as concrete work.

Order No. SAL218

SD369



SM777



SAL218



| Order No. | Mfg. No. | Description |
|-----------|----------|------------------|
| SD371 | 7103 | Flexknee |
| SD369 | 6998 | Deluxe Softknee |
| SM777 | 6991-01Q | Welding knee pad |
| SAL218 | 6991 | Leather knee pad |





SPANBAK® BELT

The *Spanbak*® features a 9" wide back support and two-part closing design in breathable knit material backed with rubber grip webbing to help prevent ride-up. Comes with snap-off suspenders. Colour: Black



| Order No. | Mfg. No. | Size | Fits Waist" |
|-----------|----------|----------|-------------|
| SK135 | 7190-01 | Small | 33 - 36 |
| SK136 | 7190-02 | Medium | 37 - 40 |
| SK137 | 7190-03 | Large | 41 - 44 |
| SK138 | 7190-04 | X-Large | 45 - 48 |
| SK139 | 7190-05 | 2X-Large | 49 - 54 |

FLEXBAK® BELT

Flexbak® helps reduce back stress and strain with a patented design, three-part support system that provides maximum back support with ease of movement.



The 9" medical-style truss uses two internal support panels above and below the waist surrounded by an elastic third panel. These combine to produce maximum bracing without pinching or riding up. Suspenders included. Colour: Black.



| Order No. | Mfg. No. | Size | Fits Waist" |
|-----------|----------|---------|-------------|
| SD742 | 7115-01 | Small | 26 - 36 |
| SD743 | 7115-02 | Medium | 36 - 48 |
| SD744 | 7115-03 | Large | 48 - 58 |
| SD745 | 7115-04 | X-Large | 58 - 68 |

BODYBELT

The *Bodybelt* offers a serious 9" wide back support with medical-style elastic back, and non-elastic side panels. It features sewn-in, fully adjustable suspenders and an easy to use single front closure. Colour: Black.

| Order No. | Mfg. No. | Size | Fits Waist" |
|-----------|----------|---------|-------------|
| SD746 | 7160-01 | Small | 26 - 36 |
| SD747 | 7160-02 | Medium | 36 - 48 |
| SD748 | 7160-03 | Large | 48 - 58 |
| SD749 | 7160-04 | X-Large | 58 - 68 |



ICER'S® SAFETY SOLES

Icer's® anti-skid detachable safety soles provide a high degree of secure footing and safety in slippery conditions, particularly, ice, snow, and slush. Ideal for all type of outdoor activities, *Icer's*® features a unique design that insulates feet from the ground keeping them warmer and dryer. Using the basic principle of studded snow tires, the *Vibram*® soles bristle with deep chevron-shaped lugs and soccer-style cleats armed with 20 screw-head studs. Grips to snow or ice, yet does not impede traction on rocky trails or dry pavement. Velcro straps allow the *Icer's*® to slide on over regular footwear easily. Re-studding kit is also available. Each kit contains 35 studs and tool. **Sold per pair.**

| Order No. | Size | Dimensions | | |
|----------------------|-----------------|------------|---|-------|
| | | L" | x | W" |
| W/O TOE STRAP | | | | |
| SC559 | X-Small | 11 | x | 4 |
| SC558 | Small | 11 3/4 | x | 4 1/2 |
| SC557 | Medium | 12 1/4 | x | 4 5/8 |
| SC556 | Large | 13 | x | 4 3/4 |
| W/TOE STRAP | | | | |
| SAF849 | X-Small | 11 | x | 4 |
| SAF850 | Small | 11 3/4 | x | 4 1/2 |
| SAF851 | Medium | 12 1/4 | x | 4 5/8 |
| SAF852 | Large | 13 | x | 4 3/4 |
| SC555 | X-Large | 13 3/4 | x | 5 |
| SAF856 | XX-Large | 14 1/4 | x | 5 1/8 |
| SC560 | Re-Studding Kit | - | | |





Foot & Shin Guards

PLASTIC SHIN GUARDS

Formed to the contour of the leg, with reinforcing ribs for extra strength and rigidity. Sponge pads, top and bottom inside, add comfort, absorb shock. Maximum shin protection with totally free foot and leg movement. Plastic won't lose shape due to dampness. 12" high, 5" wide at top, 3" wide at bottom 0.140" thick with elastic straps. Combine with *Sankey* foot guard for total protection and freedom of movement.

KNEE SHIN GUARDS

Combines the shin guard above attached to a knee guard with web, sponge rubber hinge. Knee guards 5 1/2" high, 6 1/2" wide, 0.140" thick; full guard 18" high.

| Order No. | Mfg. No. | Description |
|-----------|----------|------------------|
| SC544 | 304 | Shin guards |
| SD515 | 314 | Knee shin guards |



SD515

SC538

**Foot protection
for every job!**

PLASTIC INSTEP GUARDS

Combines the shin guard attached to a 6" instep guard with web, sponge rubber hinge. Instep 5" wide, 0.140" thick; full guard 20" L. **Sold per pair.**

PLASTIC KNEE SHIN INSTEP GUARDS

Combines all parts attached with web, sponge rubber hinges; total length 27". **Sold per pair.**

| Order No. | Mfg. No. | Description |
|-----------|----------|-------------------------|
| SC538 | 324 | Shin-instep guards |
| SD516 | 334 | Knee-shin-instep guards |

METATARSAL GUARDS

Metatarsal guards are designed to be worn with most lace type safety toe shoes to provide comfortable low cost metatarsal protection or with a spring fastening device to hold the guard in place. Weight is 9 oz. **Sold per pair.**

Lace type
Order No. SC542
Mfg. No. 800

Lace type
w/spring
fastening
Order No. SC543
Mfg. No. 801



SC543

PLASTIC FOOT GUARD

Lightweight, comfortable, economical, rugged *Thermo-Foam* plastic guards withstand impact of 30 lbs. Rubber straps on sole and heel slip on and off easily; one size fits all. Plastic 1/4", weight is 10 oz. per pair. **Sold per pair.**

Order No. SC541
Mfg. No. 500



FOOT GUARD FOR WOMEN

Smaller, lighter, comfortable, easily adjustable, constructed of aluminum alloy (.080"); withstands impact of 50 pounds with a large safety factor designed in. Average width: 4 1/2". **Sold per pair.**

Order No. SC537 Mfg. No. 605



FOOT GUARDS WITH RUBBER TOE

Foot guards are metal shields worn over shoes for maximum protection to the entire foot - instep as well as toes - against falling, rolling, or flying objects or accidental tool blows. They are designed to withstand an impact of 75 lbs., with a large safety factor. Foot guards fit any shoe (no rights or lefts), with 5" (average) and 5 1/2" (large) widths. They are light enough to be worn comfortably all day. To keep the guard properly positioned, it has a rubber toe clip, crossbar, and a one-piece rubber strap with a tension buckle. **Sold per pair.**

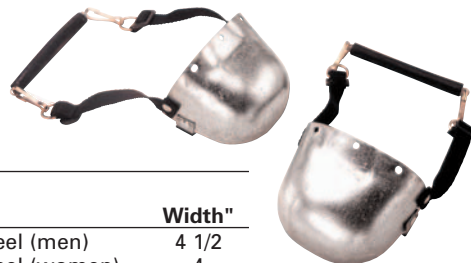


| Order No. | Mfg. No. | Description |
|-----------|----------|---|
| SC534 | 200-5 | Aluminum alloy, aircraft quality (.081") 2 lbs./pair w/rubber strap |
| SC535 | 201-5 | 16-ga. carbon steel (.059") 3 1/8 lbs./pair w/rubber strap |
| SC536 | 200X-6 | Extra large version of SC534 2 lbs./pair w/rubber strap |

TOE GUARDS

Fits any shoe, provides maximum toe protection; no discomfort because they don't encase the toe. Weighing 12 oz., each guard is designed to withstand an impact of 75 lbs. with a large safety factor. 1 1/2 lbs. **Sold per pair.**

| Order No. | Mfg. No. | Description | Width" |
|-----------|----------|-------------------------------------|--------|
| SC539 | 702-4.5 | 16 ga. (.059") carbon steel (men) | 4 1/2 |
| SC540 | 702-4 | 16 ga. (.059") carbon steel (women) | 4 |





Canada's Premier Source for Hand Protection



Coated

Chemical

Leather

Disposable

Winter

Welding





CUFF STYLES & MATERIALS

SAFETY CUFF



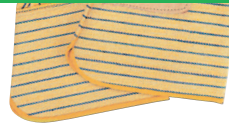
Allows glove to slide on and off easily, helps protect wrist, releases quickly from hand, won't soften when exposed to perspiration or washing.

KNIT WRIST



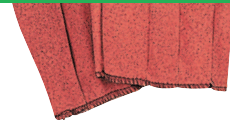
Designed to keep glove firmly in place, prevents debris from entering glove, enhances warmth, should not be used where quick glove removal is needed.

GAUNTLET



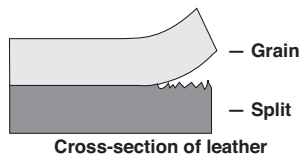
Provides additional protection for lower forearm, allows maximum forearm dexterity, lets glove slide on and off easily, protects wrist, releases quickly from hand.

SLIP-ON



Economical design allows for quick easy donning and doffing of glove.

NOTE: Unsupported gloves may have a rolled cuff, a serrated cuff or a straight cuff.



Cross-section of leather

CUTS OF LEATHER:

- Grain - smooth external side of the hide; provides durability and dexterity, water and oil repellency
- Split - rougher internal side of the hide
- Side split - most durable
- Shoulder split - more economical; less durable
- Belly split - most economical; least durable

TYPES OF LEATHER:

- Cow - offers comfort, durability, resistance to heat and abrasion
- Pig - offers comfort, extra breathability
- Horsehide - tough and durable, yet very comfortable
- Deerskin - offers good dexterity
- Sheepskin - supple, good dexterity

CUFF MATERIALS:

- Denim - economical, single fabric
- Canvas - single ply cotton
- Starched - two layers of fabric laminated together, used on light to mid-duty styles
- Plasticized - waterproof polyethylene layer laminated between two pieces of fabric, launders well
- Rubberized - rubber material laminated between two layers of fabric, used on mid to heavy-duty styles
- Leather - for longer wear and more demanding applications

BASIC WORK GLOVE PATTERNS:

CLUTE CUT

The most popular pattern for cotton flannel gloves - offers comfort as well as good hand protection. Seams on back of hand.



REVERSIBLE

A pattern that has the thumb positioned on the side of the glove so it can be worn on either hand. Particularly effective where palm or thumb receive a lot of wear. When thumb or palm wears out glove can be switched to other hand.

GUNN CUT

Particularly effective in leather palm gloves because leather on the front of fingers extends two thirds of the way around each finger eliminating exposed seams in palm wear area.



GLOVES MAY NOT APPEAR AS ADVERTIZED



PVC ROUGH FINISH

- PVC coating on interlock liner
- Resists most oils, acids, greases and solvents
- Rough finish
- Colour: Yellow
- Case Qty: 120
- Sold per pair



ZENITH

| Order No. | Description |
|-----------|--------------|
| SAN455 | Gauntlet 12" |
| SAN454 | Gauntlet 14" |
| SAN456 | Knit Wrist |

PVC DOUBLE DIPPED GREEN

- PVC coating on jersey liner
- Double dipped for superior abrasion resistance
- Resists most oils, acids, greases and solvents
- Rough coated
- Colour: Green
- Sold per pair



ZENITH

| Order No. | Description | Case Qty |
|-----------|--------------|----------|
| SAN457 | Gauntlet 12" | 120 |
| SAN458 | Gauntlet 14" | 60 |
| SAN459 | Gauntlet 18" | 60 |
| SAN460 | Knit Wrist | 120 |

PVC SMOOTH FINISH

- PVC coating on interlock liner
- Resists most oils, acids, greases and solvents
- Ideal for general chemical handling
- Smooth finish
- Colour: Red
- Case Qty: 120
- Sold per pair



ZENITH

| Order No. | Description |
|-----------|--------------|
| SAI102 | Gauntlet 12" |
| SC508 | Gauntlet 14" |
| SAI103 | Knit Wrist |

WINTER LINED PVC

- Fluorescent orange PVC glove provides excellent protection against oils and other liquids
- Foam fleece lining for added warmth in harsh winter conditions
- Colour: Orange
- Sold per pair



| Order No. | Description | Case Qty |
|-----------|--------------|----------|
| SAN383 | Gauntlet 12" | 72 |
| SO104 | Knit Wrist | 120 |
| SAN384 | Safety Cuff | 72 |

ZENITH

YELLOW NATURAL RUBBER LATEX

- Cotton flock lined
- Embossed diamond pattern provides superior grip
- Chlorinated for easy donning
- 12" length, 15-mil thick
- Meets CE standards
- CFIA approved
- Case Qty: 120
- Sold per pair

Applications: Food processing, plant maintenance and janitorial applications

ZENITH



| Order No. | Size |
|-----------|------------|
| SAN467 | 6 1/2 - 7 |
| SAN468 | 7 1/2 - 8 |
| SAN469 | 8 1/2 - 9 |
| SAN470 | 9 1/2 - 10 |

"TRAWLER KING" PVC LONG SLEEVE GLOVES

NORTH

- Rough sandy finish provides superior grip
- Curved hand design provides maximum comfort
- Extended sleeve provides added protection on the arms
- Available with elastic closure or suspender straps
- Colour: Green
- Case Qty: 24
- Sold per pair



| Order No. | MFG No. | Description | Size |
|-----------|-----------|-----------------------|---------|
| SAJ972 | 1812FWG24 | 24", Elastic Closure | X-Large |
| SAJ973 | 1812FWG01 | 30", Suspender Straps | X-Large |



Gloves

NATURAL RUBBER LATEX CANNERS

- Unlined
- Embossed diamond pattern provides superior grip
- Chlorinated for easy donning
- Beaded cuff for added tear resistance
- 15-mil thick
- Meets CE standards
- CFIA approved
- Case Qty: 120
- **Sold per pair**

Applications: Food processing, plant maintenance and janitorial applications



NATURAL RUBBER HEAVYWEIGHT

- Provides superior protection from water-based chemicals such as acids, alkalis, alcohols and caustics
- Heavy rolled bead cuff for excellent tear resistance
- Smooth finish resists punctures and snags
- Unlined for less risk of product contamination
- 30-mil thickness
- Case Qty: 72
- **Sold per pair**



SAP221

Applications: Chemical handling, plating, sandblasting, plant maintenance and laboratories

| Order No. | Length" |
|-----------|---------|
| SAP220 | 14 |
| SAP221 | 18 |



NEOPRENE/NATURAL RUBBER LATEX

- Natural rubber latex with blue neoprene over-dip
- Cotton flock lined
- Raised diamond pattern provides superior grip
- Superior chemical resistance
- 12" length, 28-mil thick
- Meets CE standards
- CFIA Approved
- Case Qty: 120
- **Sold per pair**

Applications: Food processing, plant maintenance, chemical processing, automotive and printing



CHLOROFLEX® NEOPRENE

- Unsupported neoprene gloves
- Pattern finish assures a firm grip, wet or dry
- Flock lined embossed grip, 26 mil
- Chloroflex® delivers excellent protection in applications for the petrochemical industry, refining, electronics, lab use, degreasing and handling materials in acids, alcohols, caustics and oils
- Case Qty: 72
- **Sold per pair**



| Order No. | MFG No. | Length" | Size |
|-----------|---------|---------|------|
| SAK074 | 723-7 | 12 | 7 |
| SAK075 | 723-8 | 12 | 8 |
| SAK076 | 723-9 | 12 | 9 |
| SAK077 | 723-10 | 12 | 10 |

| Order No. | Length" | Size |
|-----------|---------|------------|
| SAM650 | 12 | 6 1/2 - 7 |
| SAM651 | 12 | 7 1/2 - 8 |
| SAM652 | 12 | 8 1/2 - 9 |
| SAM653 | 12 | 9 1/2 - 10 |

NORTH VITON®

- Made specifically for handling chlorinated, aliphatic and aromatic solvents
- Exhibits a high degree of impermeability to solvents
- Can be used in or around water and water-based solutions
- Has superior resistance to PCBs
- Ideal for automotive industry, aircraft maintenance, chemical industry and degreasing operations
- Length: 14", 12 mil, smooth finish
- Colour: Black
- Case Qty: 10
- **Sold per pair**



NORTH BUTYL®

- Offers highest permeation resistance to gas or water vapors
- Ideal for ketones and esters
- 32 mil thickness for both smooth and Grip-Saf finishes
- Length 14"
- Colour: Black
- Case Qty: 12
- **Sold per pair**



SAI110



| Order No. | MFG No. | Size |
|----------------------|------------|------|
| SMOOTH FINISH | | |
| SAI410 | B324/8M | 8 |
| SAI419 | B324/9L | 9 |
| SAI420 | B324/10XL | 10 |
| SAI421 | B324/11XXL | 11 |

| Order No. | MFG No. | Size |
|------------------------|-------------|------|
| GRIP-SAF FINISH | | |
| SAI422 | B324R/8M | 8 |
| SAI423 | B324R/9L | 9 |
| SAI424 | B324R/10XL | 10 |
| SAI425 | B324R/11XXL | 11 |

| Order No. | MFG No. | Size |
|-----------|------------|------|
| SAI406 | F124/8M | 8 |
| SAI407 | F124/9L | 9 |
| SAI408 | F124/10XL | 10 |
| SAI409 | F124/11XXL | 11 |



NITRI-SOLVE®

- Unsupported nitrile gloves in compliance with 21 CFR, 170-199
- *Nitri-Solve*® provides excellent protection against abrasion, punctures, cuts and snags
- Resistant to a broad range of solvents, animal fats and other chemicals
- Case-hardened finish enhances both chemical and abrasion resistance and makes it easy to pull on & off
- Non-slip grip makes wet work easier and safer
- Available in flock lined and unlined styles in varying thickness and lengths
- Each hand is embossed with glove size for ease of pairing after laundering
- Colour: Green
- Sold per pair

SA580



SA808



| Order No. | MFG No. | Description | Size |
|----------------------|---------|--------------|------|
| Case Qty: 144 | | | |
| SA578 | 730-7 | Flock Lined, | 7 |
| SA579 | 730-8 | 13" | 8 |
| SA580 | 730-9 | 15 mil | 9 |
| SA576 | 730-10 | | 10 |
| SA577 | 730-11 | | 11 |
| Case Qty: 72 | | | |
| SA0806 | 737-7 | Unlined, | 7 |
| SA0807 | 737-8 | 15" | 8 |
| SA0808 | 737-9 | 22-mil | 9 |
| SA0809 | 737-10 | Heavy-duty | 10 |
| SA0810 | 737-11 | | 11 |

SA568



GREEN NITRILE

- Cotton flock lined
- Raised diamond pattern provides superior grip
- Resistant to cuts, puncture and abrasion
- 13" length, 15-mil thick
- Meets CE standards
- CFIA approved
- Case Qty: 120
- Sold per pair

Applications: Food processing, plant maintenance, chemical processing, automotive and printing



Order

| No. | Size |
|--------|------|
| SAN475 | 7 |
| SAN476 | 8 |
| SAN477 | 9 |
| SAN478 | 10 |
| SAN479 | 11 |



SILVER SHIELD® 4H SERIES

- Resistant to over 290 different chemicals: alcohols, aliphatics, aromatics, chlorines, ketones, esters
- Low cost, disposable gloves: can be made readily available to workers, no recycling
- Does not contain chemical accelerators that can cause allergic reactions
- Unique flexible film
- Ambidextrous
- Can be used as a secondary glove
- Allows workers maximum protection in heavy-duty jobs where the dangers of mechanical damage to gloves are high
- Case Qty: 50
- Sold per pair

SAJ958



SAJ964



NORTH

| Order No. | MFG No. | Length" | Size |
|-----------|-----------|---------|----------|
| SAJ958 | SSG/6XS | 14 1/2 | X-Small |
| SAJ959 | SSG/7S | 14 1/2 | Small |
| SAJ960 | SSG/8M | 14 1/2 | Medium |
| SAJ961 | SSG-9L | 14 1/2 | Large |
| SAJ962 | SSG/10XL | 14 1/2 | X-Large |
| SAJ963 | SSG/11XXL | 14 1/2 | XX-Large |
| SAJ964 | SSG29 | 29 | X-Large |

SEE PAGE 161 FOR PROTECTIVE SLEEVES



SB893



SA281



SB895



Gloves

HEAVYWEIGHT NITRILE COATED SAFETY CUFF

- Heavyweight nitrile coating
- High density 100% cotton jersey lining
- Exceptional durability, grip and flexibility
- Superior abrasion cut and puncture-resistant
- Safety cuff provides added protection
- Full coating for maximum protection, palm coating provides a cool comfortable fit
- Meets CE standards
- Case Qty: 120
- **Sold per pair**



Applications: Rough industrial applications, sheet metal handling, fabrication workshops and automotive

| Order No. | Size |
|---------------------|------|
| FULLY COATED | |
| SAN445 | 10 |
| SAN446 | 11 |
| PALM COATED | |
| SAN447 | 10 |
| SAN448 | 11 |

SAN447

MEDIUM-WEIGHT NITRILE COATED

- Excellent comfort and breathability
- Superior abrasion cut and punctures resistance
- Greater dexterity than heavyweight
- Durable nitrile coated palm
- Interlock cotton lining provides added protection
- Knit wrist eliminates dirt and debris from entering the glove
- Case Qty: 120
- **Sold per pair**

Applications: Light to medium fabrication, material handling, automotive, and general maintenance

| Order No. | Size |
|-----------|------|
| SAO150 | 7 |
| SAO151 | 8 |
| SAO152 | 9 |
| SAO153 | 10 |
| SAO154 | 11 |



NITRI-FLEX[®] LITE[®] NITRILE

- Seamless nylon knit gloves with a textured green nitrile palm coat
- Snug fitting knit wrist glove is extremely flexible
- Resist cuts, snags and abrasion with non slip grip
- Case Qty: 72
- **Sold per pair**

| Order No. | MFG No. | Size |
|-----------|---------|---------|
| SQ136 | 4500-7 | Small |
| SQ137 | 4500-8 | Medium |
| SQ138 | 4500-9 | Large |
| SQ139 | 4500-10 | X-Large |



HEAVYWEIGHT NITRILE COATED KNIT WRIST

- Heavyweight nitrile full coating
- High density 100% cotton jersey lining
- Exceptional durability, grip and flexibility
- Superior abrasion, cut and puncture resistant
- Knit wrist prevents debris from entering the glove
- Meets CE standards
- Case Qty: 120
- **Sold per pair**

Applications: Rough industrial applications, sheet metal handling, fabrication workshops and automotive

| Order No. | Size |
|-----------|------|
| SAN441 | 8 |
| SAN442 | 9 |
| SAN443 | 10 |
| SAN444 | 11 |



LIGHTWEIGHT NITRILE COATED

- Seamless nylon knit provides ultimate dexterity and reduces hand fatigue
- Premium comfort and breathability
- Excellent dry grip
- Superior abrasion cut and puncture resistance
- Durable nitrile coated palm
- Knit wrist eliminates dirt and debris from entering the glove
- Case Qty: 120
- **Sold per pair**

Applications: Metal stamping, material handling, automotive assembly and small parts handling

| Order No. | Size |
|-----------|------|
| SAO157 | 7 |
| SAO158 | 8 |
| SAO159 | 9 |
| SAO160 | 10 |
| SAP355 | 11 |



NITRI-FLEX[®] NITRILE



These nitrile gloves with a textured grip provide maximum wear and excellent cut, puncture and abrasion resistance. Featuring a two-piece, 100% cotton interlock liner for comfort, flexibility and dexterity. Excellent for assembly, shipping and receiving, general maintenance and light fabrication applications. Case Qty: 72. **Sold per pair.**

| Order No. | MFG No. | Description | Size |
|-----------|----------|-------------|------|
| SC445 | 4000P-8 | Palm | 8 |
| SC446 | 4000P-9 | Coated | 9 |
| SE214 | 4000P-10 | Knit wrist | 10 |
| SC448 | 4000-8 | Fully | 8 |
| SC449 | 4000-9 | Coated | 9 |
| SE215 | 4000-10 | Knit wrist | 10 |

SC445



SC448



MEDIUMWEIGHT NITRILE 3/4 COATED

- Mediumweight nitrile 3/4 coating
- 13-gauge seamless knitted cotton shell
- Excellent dexterity and dry grip
- Resists abrasion, cuts and punctures
- Knit wrist prevents debris from entering the glove
- 3/4 coating provides a cool comfortable fit
- Meets CE standards
- Case Qty: 120
- **Sold per pair**

Applications: Metal stamping, material handling, automotive, small parts handling and general maintenance

| Order No. | Size |
|-----------|------|
| SAM646 | 7 |
| SAM647 | 8 |
| SAM648 | 9 |
| SAM649 | 10 |



LIGHTWEIGHT NITRILE FOAM COATED

- Lightweight nitrile foam palm coating
- 13-gauge seamless knitted nylon shell
- Superior dexterity, comfort and wet grip reduces hand fatigue
- Resists abrasion, cuts and punctures
- Knit wrist prevents debris from entering the glove
- Palm coating provides a cool comfortable fit
- Meets CE standards
- Case Qty: 120
- **Sold per pair**

Applications: Metal stamping, material handling, automotive assembly and small oily parts handling

| Order No. | Size |
|-----------|------|
| SAM629 | 6 |
| SAM630 | 7 |
| SAM631 | 8 |
| SAM632 | 9 |
| SAM633 | 10 |
| SAM634 | 11 |



LIGHTWEIGHT POLYURETHANE COATED

- Seamless nylon knit provides ultimate dexterity and reduces hand fatigue
- Premium comfort and breathability
- Superior dry grip
- Excellent abrasion resistance
- Ultra soft polyurethane coated palm
- Knit wrist eliminates dirt and debris from entering the glove
- Case Qty: 120
- **Sold per pair**

Applications: Clean room environments, quality control, electronics assembly and general manufacturing

| Order No. | Size |
|-----------|------|
| SAO161 | 6 |
| SAO162 | 7 |
| SAO163 | 8 |
| SAO164 | 9 |
| SAO165 | 10 |
| SAO166 | 11 |



HEAVYWEIGHT NITRILE IMPREGNATED

- Heavyweight nitrile impregnation
- Soft cotton jersey lining
- Exceptional abrasion cut and puncture-resistance
- Safety cuff provides added protection
- Excellent dry grip resists oil and grease
- Outperforms leather work gloves
- Meets CE standards
- Case Qty: 120
- **Sold per pair**

Applications: Rough industrial applications, sheet metal handling, fabrication workshops and automotive

| Order No. | Size |
|-----------|------|
| SAM643 | 9 |
| SAM644 | 10 |
| SAM645 | 11 |



NATURAL RUBBER LATEX COATED CRINKLE FINISH

- Natural rubber latex palm coating
- High density 100% cotton jersey lining
- Crinkle finish coating provides superior grip
- Exceptional cut and abrasion resistance
- Safety cuff provides added protection
- Superior comfort and flexibility
- Meets CE standards
- Case Qty: 120
- **Sold per pair**

Applications: Glass handling, sheet metal handling and general handling of any sharp-edged materials

| Order No. | Size |
|-----------|------|
| SAN435 | 10 |



NATURAL RUBBER LATEX COATED

- Natural rubber latex palm coating
- 10-gauge seamless knitted poly/cotton shell
- Textured coating provides superior wet and dry grip
- Exceptional comfort and fit
- Resists abrasion, cuts and punctures
- Knit wrist prevents debris from entering the glove
- Palm coating provides a cool comfortable fit
- Meets CE standards
- Case Qty: 120
- **Sold per pair**

Applications: Glass handling, construction, wood handling, masonry and general maintenance

| Order No. | Size |
|-----------|------|
| SAL255 | 8 |
| SAL256 | 9 |
| SAL257 | 10 |
| SAL258 | 11 |





Gloves

NITTY GRITTY® RUBBER



- The original *Nitty Gritty*® was the industry's first wrinkle-finished, natural rubber-coated glove
- Offers the best in grip and protection
- Smooth finish glazers' are a standard in the glass industry
- Five piece flannel lined, *Sanitized*® recyclable
- Wrinkle palm coated
- Recommended for the most rugged jobs, handling sharp edged objects, glass, sheet metal
- Case Qty: 72
- Sold per pair



SC458



SC459

| Order No. | MFG No. | Size |
|-----------|---------|--------------------|
| SC458 | 63PNFW | Knit Wrist, Men's |
| SAJ468 | L63PNFW | Knit Wrist, Ladies |
| SC459 | 66NFW | Safety Cuff |
| SAJ984 | 65-NFW | 12" Gauntlet |

THERMA FIT®

- Crinkle finish natural rubber palm coating
- Features a warm fleece lined shell with a knit wrist
- Exceptional warmth as well as a snug fit for excellent dexterity
- Improved grip for wet and dry conditions
- Ideal for use in sheet metal, metal stamping as well as glass manufacturers and glaziers
- Also excellent for agricultural and general assembly applications
- Case Qty: 144
- Sold per pair



| Order No. | MFG No. | Size |
|-----------|---------|---------|
| SAJ985 | 451-S | Small |
| SAJ986 | 451-M | Medium |
| SAJ987 | 451-L | Large |
| SAJ988 | 451-XL | X-Large |



DUROTASK

- Supported latex over cotton/polyester seamless liner
- Rubber-coating is an economical alternate to nitrile coated gloves
- Seamless liner provides superior comfort, lessens hand fatigue
- Unique textured finish provides a sure grip on objects
- Coated on the fingertips and thumb crotch which minimizes wear on high stress areas
- Launderable for additional wear and value
- Case Qty: 144
- Sold per pair



| Order No. | MFG No. | Size |
|-----------|------------|----------|
| SAK052 | NF14/7S | Small |
| SAK053 | NF14/8M | Medium |
| SAK054 | NF14/9L | Large |
| SAK055 | NF14/10XL | X-Large |
| SAK056 | NF14/11XXL | XX-Large |



NATURAL RUBBER LATEX COATED FLEECE LINED

- Natural rubber latex palm coating
- 10-gauge seamless knitted poly/cotton shell
- Textured coating provides superior wet and dry grip
- Warm fleece lining
- Exceptional comfort and fit
- Resists abrasion, cuts and punctures
- Knit wrist prevents debris from entering the glove
- Palm coating provides a cool comfortable fit
- Meets CE standards
- Case Qty: 120
- Sold per pair



Applications: Glass handling, construction, wood handling, masonry and general maintenance

| Order No. | Size |
|-----------|------|
| SAN431 | 8 |
| SAN432 | 9 |
| SAN433 | 10 |
| SAN434 | 11 |



GRIP TASK SERIES

- Palm-coated, natural rubber yellow wrinkle finish
- Handles dry or wet, slippery objects with ease
- Provides excellent cut resistance
- Available in knit wrist and safety cuff, gauntlet
- Colour: Yellow

SAJ989



NORTH

SAJ991

Case Qty: 72, sold per pair

| Order No. | MFG No. | Size |
|-----------|--------------|--------|
| SAJ989 | T63FWG/11XXL | Men's |
| SAJ990 | T63FWG/8XL | Ladies |

SAFETY CUFF

| | | |
|--------|--------------|--------|
| SAJ991 | T66FWG/11XXL | Men's |
| SAJ992 | T66FWG/8XL | Ladies |

Case Qty: 48, sold per pair

| Order No. | MFG No. | Size |
|-----------|--------------|-------|
| SAK016 | T65FWG/11XXL | Men's |

GAUNTLET



SAK016



NITRILE LAMINATED

- Slip-on style, laminated nitrile
- Nitrile coating makes for a durable glove
- Economical hand protection for a wide variety of jobs where dexterity, grip and snag resistance are required
- Perforated back style to keep hands cool
- Colour: Blue
- Case Qty: 240
- Sold per pair



| Order No. | Size |
|------------------------|------|
| FULLY LAMINATED | |
| SAJ640 | 7 |
| SAJ641 | 8 |
| SAJ642 | 9 |
| SAJ643 | 10 |
| PERFORATED BACK | |
| SAJ644 | 7 |
| SAJ645 | 8 |
| SAJ646 | 9 |
| SAJ647 | 10 |

BEX™ SOF PAW

- The *Sof Paw* gloves are made of a breathable full vinyl impregnated stretch fabric
- Great tactile, sensitivity and comfort
- Offer excellent abrasion resistance and good grip, wet or dry
- Washable
- Colour: Yellow
- Case Qty: 144
- Sold per pair



| Order No. | MFG No. | Size |
|-----------|---------|------|
| SC434 | 70-6 | 6 |
| SC435 | 70-7 | 7 |
| SC436 | 70-8 | 8 |
| SC437 | 70-9 | 9 |

VINYL IMPREGNATED

- Stretch fit provides excellent dexterity
- Abrasion and water resistance
- Rough surface for a superior grip
- Colour: Red
- Case Qty: 300
- Sold per pair

Applications: Assembly work, bottling plants, warehousing, packaging, maintenance



| Order No. | Description |
|-----------|-------------|
| SF929 | Ladies |
| SF930 | Men's |



PVC PALM COATED GLOVES

- String knit design for excellent breathability and comfort
- PVC palm coating provides superior abrasion resistance, grip and durability
- Knit wrist eliminates dirt and debris from entering the glove
- Black on white
- Case Qty: 240
- Sold per pair

Applications: Parts handling, assembly and metal stamping



| Order No. | Size |
|-----------|---------|
| SAP211 | Small |
| SAP212 | Medium |
| SAP213 | Large |
| SAP214 | X-Large |



COTTON CANVAS DOTTED PALM

- Durable cotton fabric construction
- PVC dots on palm and back of index finger extend wear life
- Superior grip
- Moderate abrasion resistance
- Excellent comfort, dexterity and breathability
- Knit wrist eliminates dirt and debris from entering the glove
- Case Qty: 300
- Sold per pair

Applications: Material handling, automotive, assembly and construction

| Order No. | Size |
|-----------|--------|
| SAO145 | Medium |
| SAO144 | Large |





Gloves

PERFORMERS EXTRA™ THERMAL KNIT

- No seams to rip or tear, Performers Extra™ have superior longevity and greater resistance to job stresses
- Reversible to ensure maximum use of each individual glove
- Heavyweight, cotton thermal knit
- Double-sided rust nitrile V coating
- Excellent thermal protection with added abrasion resistance and grip
- Case Qty: 72
- Sold per pair



| Order No. | MFG No. | Size |
|-----------|-----------|--------|
| SAJ955 | SKNV757R | Men's |
| SAJ956 | SKNV757LR | Ladies |



PERFORMERS EXTRA™ PVC DOTTED COTTON KNIT

- Unique coating processes provide sure gripping ability and excellent abrasion resistance for gloves that are comfortably pliable and reduce hand, arm and back fatigue
- With no seams to rip or tear, this glove has superior longevity and greater resistance to job stresses
- By eliminating stiff, bulky, uncomfortable seams, it provides a better fit, better breathability and greater comfort for superior productivity and less fatigue
- Easily launderable with minimized shrinkage, superior clean-up and longer glove life
- Case Qty: 144
- Sold per pair



Applications: Assembly and parts handling, general maintenance, warehousing, fabrication and automotive.

| Order No. | MFG No. | Size |
|-----------|---------|------|
|-----------|---------|------|

ONE SIDE DOTTED, COTTON

| | | |
|--------|-------|---------|
| SAK956 | CD5AY | Small |
| SAK957 | CD5AL | Medium |
| SAK958 | CD5A | Large |
| SAK959 | CD5AJ | X-Large |

BOTH SIDE DOTTED, COTTON

| | | |
|--------|--------|---------|
| SAK960 | CD5AYR | Small |
| SAK961 | CD5ALR | Medium |
| SAK962 | CD5AR | Large |
| SAK963 | CD5ARJ | X-Large |



MULTICOLOUR POLY/COTTON DOTTED

- PVC dots provide excellent grip and abrasion resistance
- Poly/cotton seamless string knit provides a cool comfortable fit
- Multicolour hides the dirt and extends wear life
- Meets CE standards
- Case Qty: 240
- Sold per pair



| Order No. | Size |
|-----------|-------|
| SAM662 | Small |
| SAM663 | Large |



PVC CRISS CROSS

- Spun acrylic polyester knit
- Reversible PVC criss cross pattern on palm and back
- Ribbed knit wrist
- Reinforced finger tips and thumb make them ideal for construction material handling and food industry applications
- Case Qty: 144
- Sold per pair



| Order No. | Wt. Grams | Size |
|-----------|-----------|---------|
| SM484 | 120 | Small |
| SM485 | 120 | Medium |
| SA498 | 120 | Large |
| SM486 | 120 | X-Large |

NATURAL POLY/COTTON DOTTED

- PVC dots provide excellent grip and abrasion resistance
- Natural colour poly/cotton seamless string knit provides a cool comfortable fit
- Ambidextrous, both sides dotted version extends wear life
- Meets CE standards
- CFIA approved
- Case Qty: 240
- Sold per pair

Applications: General maintenance, shipping and receiving, assembly and parts handling



| Order No. | Size |
|-----------|------|
|-----------|------|

SINGLE SIDE DOTTED

| | |
|--------|---------|
| SAN480 | X-Small |
| SAN481 | Small |
| SAN482 | Medium |
| SAN483 | Large |
| SAN484 | X-Large |

BOTH SIDES DOTTED

| | |
|--------|---------|
| SAN485 | Small |
| SAN486 | Medium |
| SAN487 | Large |
| SAN488 | X-Large |



WHITE POLY/COTTON DOTTED

- PVC dots provide excellent grip and abrasion resistance
- Bleached white poly/cotton seamless string knit provides a cool comfortable fit
- Ambidextrous, both sides dotted version extends wear life
- Meets CE standards
- CFIA approved
- Sold per pair

| Order No. | Size | Case Qty |
|-----------|------|----------|
|-----------|------|----------|

ONE SIDE DOTTED

| | | |
|--------|---------|-----|
| SAN489 | Small | 300 |
| SAN490 | Medium | 300 |
| SAN491 | Large | 240 |
| SAN492 | X-Large | 240 |

BOTH SIDES DOTTED

| | | |
|--------|---------|-----|
| SAN493 | Small | 300 |
| SAN494 | Medium | 300 |
| SAN495 | Large | 240 |
| SAN496 | X-Large | 240 |





TUFF-KNIT KV EXTRA™

- Exceptional cut, slash and tear resistance
- High quality palm coating significantly enhances the abrasion resistance and grip for greater performance
- High tensile strength that protects hands during hazardous applications
- Can withstand temperatures up to 900°F (482°C) without breaking down
- Seamless construction eliminates tearing and splitting
- GrimeGuard™ treatment inhibits water and oil penetration, for longer wear and greater comfort
- Excellent launderability
- Ideal for use in automotive manufacturing, steel manufacturing, injection moulding and precision assembly
- Colour: Grey on yellow
- Case Qty: 144
- Sold per pair



| Order No. | MFG No. | Size |
|-----------|-------------|--------|
| SAJ936 | KVC18A-100 | Men's |
| SAJ937 | KVC18AL-100 | Ladies |



JUNKYARD DOG®

- Standard weight 100% Kevlar® with full leather palm
- Exceptional cut, slash, heat and puncture resistance
- Leather palm provides excellent wet and dry grip, it offers puncture and abrasion resistance
- Reinforced thumb crotch significantly extends its longevity and prevents abrasion in numerous applications
- Case Qty: 144
- Sold per pair



| Order No. | MFG No. | Size |
|-----------|---------------|--------|
| SAJ484 | KV18A-100-50 | Men's |
| SAJ485 | KV18AL-100-50 | Ladies |



GUARDDOG®

- Full leather palm, 100% Kevlar® fiber shell
- 100% Kevlar® lining offers outstanding cut and slash resistance
- Seamless knit liner eliminates uncomfortable seams that may rub or chafe
- Lining offers added hand protection during hazardous applications
- High grade leather offers excellent abrasion and puncture resistance and is superior in wet and dry applications
- Safety cuff
- Case Qty: 48
- Sold per pair



| Order No. | MFG No. | Size |
|-----------|---------|-------|
| SAJ957 | KV224D | Men's |



STAINLESS STEEL MESH

These gloves provide excellent cut and puncture protection for meat and poultry workers and for other applications where maximum protection is required. They feature a taper fit design and a patented system which makes changing a left hand glove into a right hand glove fast and simple. Colour coded wrist straps for easy size identification. USDA approved, UL listed. Case Qty: 6

Sold per glove



WHITING+DAVIS

| Order No. | MFG No. | Size | Wrist Strap Colour |
|-----------|---------|---------|--------------------|
| SAG055 | A515-XS | X-Small | Grey |
| SF868 | A515-S | Small | White |
| SF869 | A515-M | Medium | Red |
| SF870 | A515-L | Large | Blue |
| SF871 | A515-XL | X-Large | Green |

TUFF-KNIT STEEL™

- Flexible steel strands offer exceptional cut and slash resistance, while seamless construction provides the comfort, fit and manual dexterity of a knit glove
- Three strands of stainless steel cords are wound together and wrapped in synthetic fibre to insure optimum protection
- Provides a better fit, better breathability and comfort for increased productivity and reduced fatigue
- Non-coated glove is heavy duty, fully launderable and ambidextrous
- Coated glove offers superior dexterity and grip
- Colour: Gold
- Sold per glove

Applications: Sheet metal, glass handling, textiles, food processing, meat and poultry industry, printing industry, commercial fishing, restaurants



SINGLE SIDE BROWN DOT COATING

| Order No. | MFG No. | Size |
|-----------|----------|---------|
| SAL098 | KV5SS-XS | X-Small |
| SAL099 | KV5SS-S | Small |
| SAL100 | KV5SS-M | Medium |
| SAL101 | KV5SS-L | Large |
| SAL102 | KV5SS-XL | X-Large |

| Left Order No. | MFG No. | Right Order No. | MFG No. | Size |
|----------------|--------------|-----------------|--------------|---------|
| SAL103 | KVD5SS-XS-LH | SAL108 | KVD5SS-XS-RH | X-Small |
| SAL104 | KVD5SS-S-LH | SAL109 | KVD5SS-S-RH | Small |
| SAL105 | KVD5SS-M-LH | SAL110 | KVD5SS-M-RH | Medium |
| SAL106 | KVD5SS-L-LH | SAL111 | KVD5SS-L-RH | Large |
| SAL107 | KVD5SS-XL-LH | SAL112 | KVD5SS-XL-RH | X-Large |



Gloves

TERRY CLOTH

- Combine long wear with heat and abrasion resistance
- Heavy looped pile construction traps air and provides excellent insulation
- Features a seamless knit and knitwrist cuff
- Colour: Beige
- Case qty: 240
- **Sold per pair**



| Order No. | Description |
|-----------|-------------|
| SM603 | Men's |
| SM604 | Ladies |

HAND PADS

- Hand pads can be worn over a glove to extend the wear or worn alone to protect the palm area, but leave the fingers free for delicate work
- Back pads are worn over welding gloves to protect the back of the hand from radiant heat
- **Sold per Pad**



| Order No. | Description | Case Qty |
|-----------|---|----------|
| SE549* | Heat Back Patch, Aluminized Rayon with 2 Elastic Straps | 300 |
| SE550* | Heat Back Patch, Kevlar® with Fiberglass over Leather with 2 Elastic Straps | 150 |
| SE551* | Metal Workers Heavy-Duty Side Split, Reversible Pattern for Double Sided Wear | 200 |
| SAJ025 | Bakers Hand Pad, Terrycloth with Elastic Strap on Both Sides | 50 |

* Glove not included.

WELDER'S GLOVES

- Premium cow hide (split leather) orange and black welder's gloves is fully lined for extra protection from the heat associated with welding
- Fleece/cotton lined to provide extra protection from the heat and to help absorb perspiration for added comfort
- Gauntlet cuff allows for additional arm protection as well as easy glove removal
- **Sold per pair**

| Order No. | MFG No. | Size | Colour |
|----------------------------------|------------------|---------|------------------|
| DUPONT™ KEVLAR® STITCHING | | | |
| SAO637 | HDPFWLD-BK-L | Large | Black |
| SAO638 | HDPFWLD-BK-XL | X-Large | Black |
| FULLY WELTED SEAM | | | |
| SAO639 | HDPFWLD-BK/OR-L | Large | Black and Orange |
| SAO640 | HDPFWLD-BK/OR-XL | X-Large | Black and Orange |



ZETEX PLUS HEAT RESISTANT

NORTH

- Provides superior protection against extreme heat
- Single palm with a 24 oz. melton lining
- Resists temperatures up to 1500°F (816°C)
- Colour: Beige
- Case qty: 24
- **Sold per pair**



| Order No. | MFG No. | Description | Length" |
|-----------|---------|-------------|---------|
| SAJ240 | ZP2914M | Glove | 14 |
| SAJ241 | ZP2814M | Mitt | 14 |

HOT MILL

- Top quality heavy cotton fabric construction
- Heavy cotton lined palm provides superior heat resistance
- SAO167 32-oz. lined palm for increased heat protection
- 4" gauntlet cuff provides extra protection
- Case qty: 144
- **Sold per pair**



Applications: Forging, foundries, plastic extrusions and other operations that require heat protection

| Order No. | Description | Size |
|-----------|--------------------|-------|
| SAO174 | 24-oz. yellow palm | Large |
| SAO167 | 32-oz. green palm | Large |





DEERSKIN TIG WELDERS

- Premium split deerskin leather construction
- Designed for precision welding applications
- Superior fit and dexterity
- Double thumb strap extends wear life
- 4" gauntlet cuff provides superior protection
- Exceptionally soft finish
- Case qty: 120
- **Sold per pair**



| Order No. | Size |
|-----------|----------|
| SM597 | Small |
| SM598 | Medium |
| SM599 | Large |
| SM600 | X-Large |
| SAP293 | 2X-Large |



PIGSKIN TIG WELDERS

- Premium grain pigskin leather construction
- Designed for precision welding applications
- Excellent fit and dexterity
- Exceptional durability
- Double thumb strap extends wear life
- 4" gauntlet cuff provides superior protection
- Case qty: 120
- **Sold per pair**



| Order No. | Size |
|-----------|---------|
| SAN639 | Small |
| SAN640 | Medium |
| SAN641 | Large |
| SAN642 | X-Large |



WELDERS STANDARD QUALITY

- Rugged split cowhide leather construction
- Excellent abrasion resistance
- Full thermal cotton lining provides added heat protection
- Weltd seams at all critical points
- Case qty: 60
- **Sold per pair**



| Order No. | Description | Size |
|-----------|-----------------|-------|
| SAO130 | Glove | Large |
| SAO131 | One-Finger Mitt | Large |

WELDERS SUPERIOR QUALITY

- Top split cowhide leather construction
- Excellent abrasion resistance
- Double thumb patch extends wear life
- Full thermal cotton lining provides added heat protection
- Weltd seams at all critical points
- Case qty: 60
- **Sold per pair**



| Order No. | Description | Size |
|-----------|-----------------|---------|
| SAO128 | Glove | Large |
| SAP352 | Glove | X-Large |
| SAO129 | One-Finger Mitt | Large |

WELDERS PREMIUM QUALITY

- Premium split cowhide leather construction
- Excellent abrasion resistance
- Double thumb patch extends wear life
- Full thermal cotton lining provides added heat protection
- Weltd seams at all critical points
- Sewn with *Kevlar*® thread to avoid burning
- Case qty: 60
- **Sold per pair**



Order No. SAN635



WELDERS PREMIUM QUALITY FOAM LINED

- Premium split cowhide leather construction
- Excellent abrasion resistance
- Double thumb patch extends wear life
- Cotton covered foam lining provides superior heat protection
- Weltd seams at all critical points
- Sewn with *Kevlar*® thread to avoid burning
- Case qty: 60
- **Sold per pair**



Order No. SAN277





Gloves

INSPECTORS

- Protects products from fingerprints, hand oils and scratches
- Can be worn as a liner with liquid proof gloves to absorb perspiration
- Medium and heavyweight have hemmed cuff
- Slip-on style
- Case qty: 1200
- **Sold per pair**

Applications: General inspection in industries where product protection is essential



SM514



SE350



SM880

| Order No. | Description | Size |
|-----------------------------------|-------------|--------|
| LIGHTWEIGHT COTTON | | |
| SM514 | Rough edge | Ladies |
| SM515 | Rough edge | Men's |
| MEDIUM WEIGHT POLY /COTTON | | |
| SF928 | Sewn edge | Ladies |
| SE350 | Sewn edge | Men's |
| HEAVYWEIGHT COTTON | | |
| SM880 | Sewn edge | Ladies |
| SAI432 | Sewn edge | Men's |

NYLON INSPECTION

- Tricot nylon fabric construction
- Low lint material provides excellent product protection
- Superior touch sensitivity
- Hemmed cuff provides secure fit
- Case qty: 120
- **Sold per pair**

Applications: Electronics inspection, paint line inspection and other low lint applications



SAP292

| Order No. | Size |
|-----------|-------|
| SAP292 | Small |
| SAP291 | Large |



POLY/NYLON STRING KNIT

A string knit polyester/nylon blend glove with knit wrist. Commonly known as the "Fisherman's Glove" it is ideal for food processing, will not absorb liquids therefore remaining lightweight even when wet. Case qty: 360 **Sold per pair**



| Order No. | Size |
|-----------|--------|
| SD610 | Medium |
| SD611 | Large |

POLY/COTTON KNIT WRIST INSPECTOR'S

A blend of 65% polyester and 35% cotton knit inspector's glove with knit wrist. Protects against fingerprints, hand oils and scratches. Ideal in cleanliness inspection. Can be worn as a liner with unlined liquid proof gloves. Case qty: 600. **Sold per pair**

SI771



| Order No. | Size |
|-----------|--------|
| SI770 | Men's |
| SI771 | Ladies |

PARADE/WAITER'S

A 100% cotton white parade/waiter's glove with hemmed cuff. Case qty: 300. **Sold per pair**

SAJ763



| Order No. | Size |
|-----------|---------|
| SAJ763 | Small |
| SAJ764 | Medium |
| SAJ765 | Large |
| SAJ766 | X-Large |

POLY/COTTON STRING KNIT

- String knit design provides excellent breathability
- Reversible pattern extends wear life
- Superior comfort
- Reduced hand fatigue
- Launders exceptionally well
- Knit wrist eliminates dirt and debris from entering the glove
- CFIA approved for food applications
- Case qty: 600
- **Sold per pair**

Applications: Parts handling, assembly, food processing and glove liner



| Order No. | Size |
|-----------|----------|
| SAG011 | X-Small |
| SF925 | Small |
| SE346 | Medium |
| SF926 | Large |
| SAG012 | X-Large |
| SAP219 | 2X-Large |





BROWN JERSEY

- Durable poly/cotton fabric construction
- 65% polyester, 35% cotton
- Moderate abrasion resistance
- Excellent comfort, dexterity and breathability
- Knit wrist eliminates dirt and debris from entering the glove
- Red fleece lined provides moderate warmth in mild winter weather
- **Sold per pair**

Applications: Light duty material handling, warehousing, automotive and as winter liner

SAO127



SAO126

| Order No. | Description | Size | Case Qty |
|-----------|----------------------------------|-------|----------|
| SAO127 | Knit wrist | Large | 300 |
| SAO126 | Slip-on style, red fleece lining | Large | 144 |

COTTON CANVAS

- Durable cotton fabric construction
- Moderate abrasion resistance
- Excellent comfort, dexterity and breathability
- Knit wrist eliminates dirt and debris from entering the glove
- Heavier weights provide enhanced protection and extended wear
- Case qty: 120
- **Sold per pair**

Applications: Material handling, automotive, assembly and construction



| Order No. | Fabric Weight Oz. | Size |
|-----------|-------------------|---------|
| SAO146 | 7 | Large |
| SAO147 | 8 | Medium |
| SAO148 | 8 | Large |
| SAP354 | 8 | X-Large |
| SAO149 | 12 | Large |



SALT & PEPPER JERSEY

- Durable poly/cotton fabric construction
- Moderate abrasion resistance
- Excellent comfort, dexterity and breathability
- Knit wrist eliminates dirt and debris from entering the glove
- Case qty: 300
- **Sold per pair**

Applications: Light duty material handling, warehousing, automotive and as winter liner

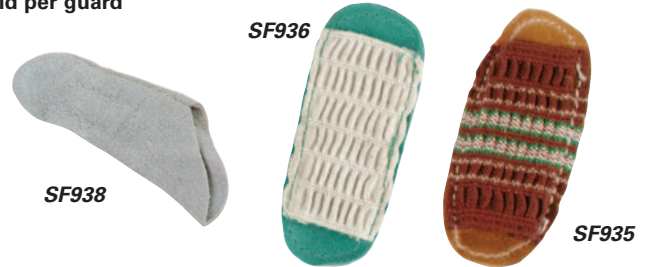


| Order No. | Size |
|-----------|---------|
| SAO175 | Large |
| SAO176 | X-Large |



FINGER & THUMB GUARDS

For some industrial assembly line or grinding applications where only the thumb and/or index finger need protection. **Sold per guard**



| Order No. | Description | Case Qty |
|-----------|-------------------------|----------|
| SQ285 | Flexible Grain, Small | 100 |
| SF935 | Leather - Front, Medium | 100 |
| SQ286 | Elastic - Back, Large | 100 |

DURABLE SPLIT LEATHER

| | | |
|-------|--------------------------------|-----|
| SF936 | Front, Elastic Back, Taper Fit | 240 |
| SF937 | Taper Fit, Small | 240 |
| SF938 | Taper Fit, Medium | 240 |
| SF939 | Taper Fit, Large | 240 |

SPLIT COWHIDE LEATHER PALM

- Rugged split cowhide leather construction
- Good abrasion resistance
- Cotton back provides superior breathability
- Knit wrist eliminates dirt and debris from entering the glove
- Case qty: 300
- **Sold per pair**

Applications: Material handling, automotive, assembly and construction



| Order No. | Description | Size |
|-----------|---|---------|
| SM572 | Standard Quality, White Back, Patch Palm | Large |
| SN266 | Better Quality, White Back | Medium |
| SA616 | Better Quality, White Back | Large |
| SAP294 | Better Quality, White Back | X-Large |
| SM573 | Better Quality, White Back, Full Index Finger | Large |
| SAP297 | Better Quality, Stripped Back | Large |
| SAP296 | Superior Quality, White Back | Large |





Gloves

SPLIT COWHIDE PATCH PALM FITTERS

- Rugged split cowhide leather construction
- Good abrasion resistance
- Absorbent cotton lined palm
- Patch palm design delivers added savings
- Safety cuff provides good protection
- Full leather tipped fingers and knuckle strap provides increased protection
- Case qty: 120
- **Sold per pair**

Applications:

Material handling, fabrication, metal handling and construction



SPLIT COWHIDE FITTERS

- Rugged split cowhide leather construction
- Good abrasion resistance
- Absorbent cotton lined palm
- Safety cuff provides good protection
- Full leather tipped fingers and knuckle strap provides increased protection
- **Sold per pair**

Applications:

Material handling, fabrication, metal handling and construction



| Order No. | Description | Size |
|-----------|--------------------------------|---------|
| SA622 | Standard Quality, Striped Cuff | Large |
| SAN636 | Better Quality, Denim Cuff | Large |
| SAN382 | Better Quality, Striped Cuff | Large |
| SAP231 | Better Quality, Striped Cuff | X-Large |
| SAP225 | Superior Quality, Striped Cuff | Large |

| Order No. | Description | Size | Case Qty |
|-----------|----------------------------------|---------|----------|
| SAN638 | Standard Quality | Large | 120 |
| SM575 | Better Quality | Large | 120 |
| SAP228 | Better Quality | X-Large | 60 |
| SM576 | Better Quality, 4" Gauntlet Cuff | Large | 60 |
| SAP224 | Superior Quality | Large | 120 |

SUPERIOR QUALITY SPLIT COWHIDE FITTERS

- Top split cowhide leather construction
- Good abrasion resistance
- Absorbent cotton lined palm
- Full leather tipped fingers and knuckle strap provides increased protection
- Launderable PE cuff on order SAP226
- **Sold per pair**

Applications: Material handling, fabrication, metal handling and construction



| Order No. | Description | Size | Case Qty |
|-----------|----------------------------------|----------|----------|
| SG281 | Rubberized Cuff | Medium | 120 |
| SD602 | Rubberized Cuff | Large | 120 |
| SD603 | Rubberized Cuff | X-Large | 60 |
| SAP229 | Rubberized Cuff | 2X-Large | 60 |
| SAP298 | Rubberized 4" Gauntlet Cuff | Large | 60 |
| SAP227 | Premium Quality, Rubberized Cuff | Large | 60 |
| SAP226 | PE Cuff | Large | 120 |

SUPERIOR QUALITY DOUBLE PALM SPLIT COWHIDE FITTERS

- Top split cowhide leather construction
- Double layer of leather for premium protection
- Ultimate abrasion resistance
- Absorbent cotton lined palm
- Rubberized cuff provides superior protection
- Full leather tipped fingers and knuckle strap provides increased protection
- **Sold per pair**

Applications: Heavy-duty material handling, fabrication and metal handling



| Order No. | Description | Size | Case Qty |
|-----------|--|-------|----------|
| SM578 | Outside Double Palm & Index Finger | Large | 120 |
| SM579 | Outside Double Palm & Index Finger, 4" Gauntlet Cuff | Large | 60 |
| SD604 | Outside Double Palm, Index Finger & Finger Tips | Large | 60 |
| SE349 | Inside Double Palm & Index Finger | Large | 120 |





SUPERIOR QUALITY ALL LEATHER

- Top split cowhide leather construction
- Unlined palm improves dexterity
- Good abrasion resistance
- Full split leather cuff provides superior protection
- Case qty: 120
- **Sold per pair**

Applications: Material handling, fabrication, metal handling and construction



SAL253

SAL592



| Order No. | Description | Size |
|-----------|-------------|-------|
| SAL592 | 2" Cuff | Large |
| SAL253 | 4" Cuff | Large |

GRAIN COWHIDE FURNITURE LEATHER

- Smooth grain leather finish
- Resists oil and water
- Durable, tough furniture leather construction
- Cotton lined patch palm style
- Sold in pairs
- Safety cuff provides added protection
- Case qty: 60
- **Sold per pair**

Applications: Material handling, fabrication, metal handling and construction



| Order No. | Size |
|-----------|-------|
| SAN270 | Large |



SPLIT PIGSKIN FITTERS

- Durable split pigskin leather construction
- Performs better in wet applications than cowhide grain or split leather
- Superior comfort and breathability
- Good abrasion resistance
- Better dexterity than cowhide leather
- Absorbent cotton lined palm
- Safety cuff provides good protection
- Full leather tipped fingers and knuckle strap provides increased protection
- Case qty: 120
- **Sold per pair**

Applications: Material handling, fabrication and construction



| Order No. | Size |
|-----------|---------|
| SAO156 | Large |
| SAP353 | X-Large |

GRAIN PIGSKIN FITTERS

- Smooth grain pigskin leather construction
- Performs better in wet applications than cowhide grain or split leather
- Superior comfort and breathability
- Good abrasion resistance
- Better dexterity than cowhide leather
- Absorbent cotton lined palm
- Full leather tipped fingers and knuckle strap provides increased protection
- **Sold per pair**

Applications: Material handling, fabrication and construction



SAP222

SM580

| Order No. | Description | Size | Case Qty |
|-----------|----------------------------------|-------|----------|
| SM580 | Standard quality, safety cuff | Large | 120 |
| SAP222 | Premium quality, rubberized cuff | Large | 60 |

GRAIN COWHIDE PATCH PALM FITTERS

- Smooth grain cowhide leather construction
- Superior abrasion resistance
- Excellent comfort and durability
- Absorbent cotton lined palm
- Resists oil and water absorption better than split leather
- Patch palm design delivers added savings
- Full leather tipped fingers and knuckle strap provides increased protection
- **Sold per pair**

Applications: Material handling, fabrication, metal handling and construction



| Order No. | Description | Size |
|-----------|-----------------------------------|---------|
| YC386 | Standard quality, safety cuff | Large |
| SAJ497 | Better quality, safety cuff | Large |
| SAP230 | Better quality, rubberized cuff | X-Large |
| SAP234 | Superior quality, rubberized cuff | Large |

STANDARD QUALITY GRAIN COWHIDE FITTERS

- Smooth grain cowhide leather construction
- Excellent comfort and durability
- Superior abrasion resistance
- Resists oil and water absorption better than split leather
- SAO051 has an unlined palm for improved dexterity and sensitivity
- SAO052 has a cotton lined palm keeping hands dry
- Safety cuff
- Full leather tipped fingers and knuckle strap provides increased protection
- Case qty: 120
- **Sold per pair**

Applications: Material handling, fabrication, metal handling and construction



| Order No. | Description | Size |
|-----------|-------------------|-------|
| SAO051 | Unlined palm | Large |
| SAO052 | Cotton lined palm | Large |



Gloves

SUPERIOR QUALITY GRAIN COWHIDE FITTERS GLOVES

- Smooth top grain cowhide leather construction
- Excellent comfort and durability
- Superior abrasion resistance
- Resists oil and water absorption better than split leather
- **SA619** features an unlined palm for improved dexterity and sensitivity
- Rubberized cuff for ultimate protection
- Full leather tipped fingers and knuckle strap provides increased protection
- **Sold per pair**

Applications: Material handling, fabrication, metal handling and construction



SAP233

SAJ023



SAP223



SM583

| Order No. | Description | Size | Case Qty |
|-----------|---|---------|----------|
| SM582 | Cotton lined palm | Medium | 120 |
| SA619 | Unlined palm | Large | 120 |
| SAJ023 | Cotton lined palm | Large | 120 |
| SAP232 | Cotton lined palm | X-Large | 60 |
| SAP233 | Premium quality, cotton lined palm | Large | 60 |
| SAP223 | Double palm & index, premium quality, cotton lined palm | Large | 60 |
| SM583 | Cotton lined palm, 4" gauntlet cuff | Large | 120 |

GRAIN COWHIDE ROPERS

- Grain leather cowhide provides excellent comfort, durability, dexterity, plus oil and water resistance
- Canadian style ropers gloves feature an adjustable snap back, smooth leather finish and provide a snug fit and good sense of touch
- Ideal for forklift and truck drivers as well as operators of construction and farm equipment
- Case qty: 120
- **Sold per pair**



| Order No. | Size |
|-----------|---------|
| SM588 | Small |
| SM589 | Medium |
| SM590 | Large |
| SM591 | X-Large |



GRAIN COWHIDE DRIVERS

- Grain leather cowhide provides excellent comfort, durability, dexterity, plus oil and water resistance
- American style drivers gloves feature a smooth leather finish, unlined palm and provide a snug fit and good sense of touch
- Ideal for forklift and truck drivers as well as operators of construction and farm equipment
- Case qty: 120
- **Sold per pair**



| Order No. | Size |
|-----------|---------|
| SM584 | Small |
| SM585 | Medium |
| SM586 | Large |
| SM587 | X-Large |



GRAIN PALM SPLIT BACK DRIVERS

- Grain leather provides excellent dexterity and abrasion resistance and is resistance to oil and water
- Features unlined palm with a split leather back
- Gunn-cut design with keystone thumb and elastic back
- Ideal for use in construction, machine operation, utility work, and many other general applications
- Case qty: 120
- **Sold per pair**



| Order No. | Size |
|-----------|---------|
| SAJ651 | Small |
| SAJ652 | Medium |
| SAJ653 | Large |
| SAJ654 | X-Large |



PREMIUM QUALITY ALL LEATHER GLOVES

- Premium grain cowhide leather construction
 - Superior abrasion resistance
 - Unlined palm improves dexterity
 - Full split leather 4" gauntlet cuff provides superior protection
 - Case qty: 120
 - **Sold per pair**
- Applications:** Material handling, fabrication, metal handling and construction



| Order No. | Description | Size |
|-----------|-------------------------------------|-------|
| SI842 | Full grain cowhide palm, split back | Large |
| SM592 | Full grain cowhide palm and back | Large |



COTTON FLEECE LINED SPLIT COWHIDE FITTERS

- Rugged split cowhide leather construction
- Full cotton fleece lining provides moderate warmth
- Good abrasion resistance
- Full leather tipped fingers and knuckle strap provides increased protection
- Safety cuff provides good protection
- **Sold per pair**

Applications: Moderate cold material handling, fabrication, metal handling and construction



SD613

SAP299

FOAM FLEECE LINED SPLIT COWHIDE FITTERS

- Premium split cowhide leather construction
- Full fleece covered foam lining provides excellent warmth
- Good abrasion resistance
- Full leather tipped fingers and knuckle strap provides increased protection
- Rubberized cuff for ultimate protection
- Case qty: 120
- **Sold per pair**

Applications: Moderate/extreme cold material handling, fabrication, metal handling and construction

SAP240

SAP241



| Order No. | Size | Case Qty |
|-----------|---------|----------|
| SD613 | Large | 120 |
| SAP299 | X-Large | 60 |

| Order No. | Size | Colour |
|-----------|---------|--------|
| SAP240 | Medium | Red |
| SAP241 | Large | Yellow |
| SAP242 | X-Large | Blue |



ACRYLIC BOA LINED SPLIT COWHIDE FITTERS

- Premium split cowhide leather construction
- Full acrylic *Boa* lining provides superior warmth
- Good abrasion resistance
- Full leather tipped fingers and knuckle strap provides increased protection
- Rubberized cuff for ultimate protection
- Case qty: 60
- **Sold per pair**

Applications: Extreme cold material handling, fabrication, metal handling and construction

SD614

SAP247



| Order No. | Size |
|-----------|---------|
| SD614 | Large |
| SAP247 | X-Large |

ACRYLIC BOA LINED GRAIN FURNITURE LEATHER FITTERS

- Smooth grain leather finish
- Full acrylic *Boa* lining provides superior warmth
- Patch palm design delivers added savings
- Excellent abrasion resistance
- Safety cuff provides added protection
- Resists oil and water absorption better than split leather
- Full leather tipped fingers and knuckle strap provides increased protection
- Case qty: 60
- **Sold per pair**

Applications: Extreme cold material handling, fabrication, metal handling and construction



| Order No. | Size |
|-----------|-------|
| SAP290 | Large |



THINSULATE™ LINED SPLIT COWHIDE FITTERS

- Premium split cowhide leather construction
- Full *Thinsulate™* lining provides superior warmth
- Good abrasion resistance
- Full leather tipped fingers and knuckle strap provides increased protection
- Rubberized cuff for ultimate protection
- Thinner lining than acrylic *Boa* provides better dexterity
- Case qty: 60
- **Sold per pair**

Applications: Extreme cold material handling, fabrication, metal handling and construction

SAN637

SAL544

SAP249

SM609



| Order No. | Size | Lining Weight g |
|-----------|----------|-----------------|
| SAN637 | Medium | 100 |
| SAL544 | Large | 40 |
| SM609 | Large | 100 |
| SAP248 | X-Large | 100 |
| SAP249 | 2X-Large | 100 |



Winter Gloves

COTTON FLEECE LINED GRAIN PIGSKIN FITTERS

- Smooth top grain pigskin leather construction
- Full cotton fleece lining provides moderate warmth
- Superior comfort and breathability
- Performs better in wet applications than cowhide grain or split leather
- Good abrasion resistance
- Better dexterity than cowhide leather
- Full leather tipped fingers and knuckle strap provides increased protection
- Safety cuff provides good protection
- Case qty: 60
- **Sold per pair**

Applications: Moderate cold material handling, fabrication and construction

| Order No. | Size |
|-----------|-------|
| SAP295 | Large |



ACRYLIC BOA LINED GRAIN PIGSKIN FITTERS

- Smooth top grain pigskin leather construction
- Full acrylic *Boa* lining provides superior warmth
- Superior comfort and breathability
- Performs better in wet applications than cowhide grain or split leather
- Good abrasion resistance
- Better dexterity than cowhide leather
- Full leather tipped fingers and knuckle strap provides increased protection
- Case qty: 60
- **Sold per pair**

Applications: Extreme cold material handling, fabrication and construction

| Order No. | Description | Size |
|-----------|-----------------------------------|-------|
| SD597 | Better Quality, Safety Cuff | Large |
| SAP300 | Superior Quality, Rubberized Cuff | Large |



SD597

THINSULATE™ LINED GRAIN PIGSKIN FITTERS

- Premium grain pigskin leather construction
- Full 100-g *Thinsulate™* lining provides superior warmth
- Superior comfort and breathability
- Performs better in wet applications than cowhide grain or split leather
- Good abrasion resistance
- Better dexterity than cowhide leather
- Full leather tipped fingers and knuckle strap provides increased protection
- Rubberized cuff for ultimate protection
- Thinner lining than acrylic *Boa* provides better dexterity
- Case qty: 60
- **Sold per pair**

Applications: Extreme cold material handling, fabrication and construction

| Order No. | Size |
|-----------|---------|
| SM615 | Large |
| SAP251 | X-Large |

SAP251



SM615



COTTON FLEECE LINED PATCH PALM GRAIN COWHIDE FITTERS

- Smooth top grain cowhide leather construction
- Full cotton fleece lining provides moderate warmth
- Superior abrasion resistance
- Resists oil and water absorption better than split leather
- Excellent comfort and durability
- Full leather tipped fingers and knuckle strap provides increased protection
- Patch palm design delivers added savings
- Rubberized cuff for ultimate protection
- Case qty: 60
- **Sold per pair**

Applications: Moderate cold material handling, fabrication, metal handling and construction

| Order No. | Size |
|-----------|---------|
| SR521 | Large |
| SAM023 | X-Large |



COTTON FLEECE LINED GRAIN COWHIDE FITTERS

- Smooth top grain cowhide leather construction
- Full cotton fleece lining provides moderate warmth
- Superior abrasion resistance
- Resists oil and water absorption better than split leather
- Excellent comfort and durability
- Full leather tipped fingers and knuckle strap provides increased protection
- Rubberized cuff for ultimate protection
- **Sold per pair**

| Order No. | Size | Case Qty |
|-----------|---------|----------|
| SM610 | Medium | 120 |
| SD605 | Large | 60 |
| SAP245 | X-Large | 60 |

Applications: Moderate cold material handling, fabrication, metal handling and construction



SAP245

SM610

SD605





FOAM FLEECE LINED GRAIN COWHIDE FITTERS

- Premium grain cowhide leather construction
- Full fleece covered foam lining provides excellent warmth
- Superior abrasion resistance
- Resists oil and water absorption better than split leather
- Excellent comfort and durability
- Full leather tipped fingers and knuckle strap provides increased protection
- Rubberized cuff for ultimate protection
- Case qty: 120
- **Sold per pair**

Applications: Moderate/extreme cold material handling, fabrication, metal handling and construction



ACRYLIC BOA LINED GRAIN COWHIDE FITTERS

- Premium grain cowhide leather construction
- Full acrylic *Boa* lining provides superior warmth
- Superior abrasion resistance
- Resists oil and water absorption better than split leather
- Excellent comfort and durability
- Full leather tipped fingers and knuckle strap provides increased protection
- Rubberized cuff for ultimate protection
- Case qty: 60
- **Sold per pair**

Applications: Extreme cold material handling, fabrication, metal handling and construction



| Order No. | Size |
|-----------|---------|
| SAO053 | X-Large |



| Order No. | Size |
|-----------|-------|
| SM611 | Large |



THINSULATE™ LINED GRAIN COWHIDE FITTERS

- Premium grain cowhide leather construction
- Full 100-g *Thinsulate™* lining provides superior warmth
- Superior abrasion resistance
- Resists oil and water absorption better than split leather
- Excellent comfort and durability
- Full leather tipped fingers and knuckle strap provides increased protection
- Rubberized cuff for ultimate protection
- Thinner lining than acrylic *Boa* provides better dexterity
- Case qty: 120
- **Sold per pair**

Applications: Extreme cold material handling, fabrication, metal handling and construction



FLEECE LINED GRAIN COWHIDE DRIVERS & ROPERS

- Smooth top grain cowhide all leather construction
- Superior abrasion resistance
- Resists oil and water absorption better than split leather
- Excellent comfort and durability
- Full cotton fleece lining provides moderate warmth
- Drivers' style comes with elastic wrist
- Ropers' style comes with adjustable strap with snap
- Case qty: 120
- **Sold per pair**

Applications: Forklift and truck drivers, operators of construction and farm equipment



| Order No. | Description | Size | Case Qty |
|-----------|-------------|----------|----------|
| SM616 | Drivers | Small | 120 |
| SM617 | Drivers | Medium | 120 |
| SM618 | Drivers | Large | 120 |
| SM619 | Drivers | X-Large | 120 |
| SAP250 | Drivers | 2X-Large | 60 |
| SAP215 | Ropers | Small | 120 |
| SAP216 | Ropers | Medium | 120 |
| SAP217 | Ropers | Large | 120 |
| SAP218 | Ropers | X-Large | 120 |

SAP215



| Order No. | Size |
|-----------|---------|
| SM613 | Large |
| SAP246 | X-Large |



SQUIDS® GRABBERS™

- Easy to use with a comfortable feel
- Keeps gloves close at hand
- Clips to clothing, belts, tool belts and D-rings

- Breakaway feature
- Dielectric/non-conductive material



SAO182



SAO184



| Order No. | MFG No. | Colour |
|-----------|---------|--------|
| SAO180 | 19112 | Black |
| SAO181 | 19117 | Blue |
| SAO182 | 19118 | Orange |
| SAO183 | 19119 | Yellow |

| Order No. | MFG No. | Colour |
|-----------|---------|--------|
| SAO184 | 19122 | Black |
| SAO185 | 19127 | Blue |
| SAO186 | 19128 | Orange |
| SAO187 | 19129 | Yellow |



Gloves

N-DEX®

- N-DEX®'s low-modulus formulation reduces hand fatigue caused by elastomeric stress
- Provides much greater puncture resistance than natural rubber and vinyl disposables

- Available in both lightly powdered, USP vegetable starch and powder-free styles
- Acceptable for food and pharmaceutical applications
- Extremely puncture resistant, once violated N-DEX® gloves readily tear so the wearer knows the glove should be replaced

N-DEX® ORIGINAL 7005 INDUSTRIAL GRADE

4 mil, low powder, low-modulus, blue-coloured 9.5" long, ambidextrous, disposable, 100% nitrile glove. In compliance with 21 CFR, 170-199. Style 7005 is intended for occupational safety and health use only. Not for medical use. AQL 4.0. Case qty: 20. **sold per Box of 100 Gloves**



N-DEX® PLUS 8005 INDUSTRIAL GRADE

8 mil, powder-free, low-modulus, blue-coloured, 9.5" long, ambidextrous, disposable, 100% nitrile glove. In compliance with 21 CFR, 170-199. Style 8005 is intended for occupational health and safety use only. Not for medical use. AQL 4.0. Case qty: 20. **sold per Box of 50 Gloves**



| Order No. | MFG No. | Description | Size |
|---|---------|-------------|---------|
| 7005 OCCUPATIONAL HEALTH AND SAFETY USE ONLY | | | |
| SAL254 | 7005XS | | X-Small |
| SA561 | 7005S | 9 1/2" | Small |
| SN581 | 7005M | 4 mil. | Medium |
| SN582 | 7005L | | Large |
| SAF954 | 7005XL | | X-Large |

| Order No. | MFG No. | Description | Size |
|---|-----------|-------------|---------|
| 8005 OCCUPATIONAL HEALTH AND SAFETY USE ONLY | | | |
| SAK070 | 8005PF-S | | Small |
| SAK071 | 8005PF-M | 9 1/2" | Medium |
| SAK072 | 8005PF-L | 8 mil. | Large |
| SAK073 | 8005PF-XL | | X-Large |

EXAMINATION GRADE NITRILE

- Pure 100% premium nitrile
- Textured surface provides superior wet and dry grip
- Exceptional tactile sensitivity
- Latex-free
- USP grade corn starch for powdered gloves
- Beaded cuff for added strength
- Protects against oil, grease and organic solvents
- Superior puncture resistance
- Ambidextrous design
- Thickness: 5 mil
- 9.5" in length
- AQL 1.5
- CFIA approved
- Case qty: 10
- **sold per Box of 100 Gloves**

Applications: Manufacturing, maintenance, small parts handling, laboratory applications and automotive



EXAMINATION GRADE LATEX

- Pure 100% premium Malaysian natural latex
- Textured surface on powder-free provides superior wet and dry grip
- Exceptional tactile sensitivity
- USP grade corn starch for powdered gloves
- Beaded cuff for added strength
- Ambidextrous design
- Thickness: 5 mil
- 9.5" in length
- AQL 1.5
- CFIA approved
- Case qty: 10
- **sold per Box of 100 Gloves**

Applications: Light manufacturing, maintenance, food processing, laboratory applications and quality control



| Order No. | Size |
|--------------------|---------|
| POWDERED | |
| SAP320 | Small |
| SAP321 | Medium |
| SAP322 | Large |
| SAP323 | X-Large |
| POWDER-FREE | |
| SAP324 | Small |
| SAP325 | Medium |
| SAP326 | Large |
| SAP327 | X-Large |

| Order No. | Size |
|--------------------|---------|
| POWDERED | |
| SAP338 | X-Small |
| SAP339 | Small |
| SAP340 | Medium |
| SAP341 | Large |
| SAP342 | X-Large |
| POWDER-FREE | |
| SAP343 | X-Small |
| SAP344 | Small |
| SAP345 | Medium |
| SAP346 | Large |
| SAP347 | X-Large |



DERMA THIN®



Unsupported natural rubber glove, ambidextrous, surgical type, disposable glove with strength, unsurpassed sensitivity and optimum dexterity. 5 mil thickness. AQL 4.0. Case qty: 20. **sold per Box of 100 Gloves.**

Applications: Recommended for cosmetic and pharmaceutical laboratories, food processing and electric applications. Chloride free with only a trace of sulphur.

| Order No. | MFG No. | Size |
|-----------|---------|------|
|-----------|---------|------|

LIGHTLY POWDERED, GREEN, 10", CFIA APPROVED

| | | |
|-------|--------|--------------|
| SA504 | 1005SM | Small/Medium |
| SA503 | 1005ML | Medium/Large |

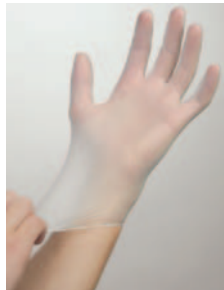
LIGHTLY POWDERED, WHITE, 10", CONFORMS TO 21CFR, 170-199 NORMS

| | | |
|--------|--------|---------|
| SAJ735 | 5005XS | X-Small |
| SA546 | 5005S | Small |
| SA545 | 5005M | Medium |
| SA544 | 5005L | Large |
| SAJ736 | 5005XL | X-Large |

EXAMINATION GRADE VINYL

- Pure 100% premium vinyl
- Exceptional fingertip sensitivity
- Soft and stretchable for comfortable wear
- USP grade corn starch for powdered gloves
- Beaded cuff for added strength
- Ambidextrous design
- Thickness: 5 mil
- 9.5" in length
- AQL 1.5
- CFIA approved
- Case qty: 10,
- **Sold per Box of 100 Gloves**

ZENITH



Applications: Light manufacturing, maintenance, food processing, laboratory applications, painting and janitorial

| Order No. | Size | Order No. | Size |
|-----------------|---------|--------------------|---------|
| POWDERED | | POWDER-FREE | |
| SAP328 | X-Small | SAP333 | X-Small |
| SAP329 | Small | SAP334 | Small |
| SAP330 | Medium | SAP335 | Medium |
| SAP331 | Large | SAP336 | Large |
| SAP332 | X-Large | SAP337 | X-Large |

VINY-TASK EXAMINATION GRADE VINYL

- 100% vinyl does not contain allergy-causing proteins
- Excellent sensitivity and dexterity
- Available in lightly powdered or powder-free
- Ambidextrous, 5 mil., 9" long rolled cuff
- AQL 1.5
- Complies with CE, USDA and FDA regulations, 21-CFR for use in food processing
- Case qty: 10
- **sold per Box of 100 Gloves**

NORTH



| Order No. | MFG No. | Size |
|--------------------|-------------|---------|
| POWDERED | | |
| SC521 | T525/S | Small |
| SF931 | T525/M | Medium |
| SE356 | T525/L | Large |
| SF932 | T525/XL | X-Large |
| POWDER-FREE | | |
| SAJ737 | T525PF/7S | Small |
| SAJ738 | T525PF/8M | Medium |
| SAJ739 | T525PF/9L | Large |
| SAJ740 | T525PF/10XL | X-Large |

DISPOSABLE POLYETHYLENE GLOVES

- Most economical glove
- Short term use
- Talc-free
- Offers mild chemical resistance
- Thin enough for fingertip sensitivity
- 0.02 mm, ambidextrous;
- one size fits all
- Case qty: 100
- **sold per Box of 100 Gloves**



| Order No. | Size |
|-------------|---------|
| BAGS | |
| SAN738 | Small |
| SAN739 | Medium |
| SAI934 | Large |
| SAN334 | X-Large |

| Order No. | Size |
|--------------|--------|
| BOXES | |
| SAN740 | Small |
| SAN741 | Medium |
| SAI935 | Large |

STANDARD QUALITY BLUE VINYL - EXAMINATION GRADE

- These vinyl gloves are a great alternative to latex
- Rolled cuff allows for ease of application and removal
- Exceptional fit, single use
- Powdered with absorbable dusting powder, U.S.P.
- Ambidextrous, 4 mil.
- Colour: Blue
- AQL 1.5
- CFIA food approved
- Case qty: 10
- **Sold per Box of 100 Gloves**

| Order No. | Size |
|-----------------|---------|
| POWDERED | |
| SAI778 | X-Small |
| SAI766 | Small |
| SAI767 | Medium |
| SAI768 | Large |
| SAI769 | X-Large |



LSB SAND BLASTER

- Available in smooth or wrinkle finish
- Extended sleeve provides added protection on the arms
- Supported cotton glove and sleeve absorbs perspiration
- Available with different sleeve opening sizes to fit various port diameters
- Case qty: 24
- **Sold per pair**

NORTH

SAJ759



SAJ761



| Order No. | MFG No. | Description | Finish | Length" |
|-----------|-----------|--|---------|---------|
| SAJ759 | T14413228 | Neoprene Glove w/Heavy PVC Sleeve, 28" Opening | Smooth | 32 |
| SAJ760 | T14413230 | Neoprene Glove w/Heavy PVC Sleeve, 30" Opening | Smooth | 32 |
| SAJ761 | T65FW1628 | Natural Rubber Glove w/Heavy PVC Sleeve, 28" Opening | Wrinkle | 26 |
| SAJ762 | T65FW2228 | Natural Rubber Glove w/Heavy PVC Sleeve, 28" Opening | Wrinkle | 32 |



Fall Protection

FOUR FUNCTIONAL EQUIPMENT CATEGORIES



FALL ARREST

As a general rule, it is recommended that a fall arrest system be used at working heights of four feet or more. This system consists of:

- anchorage/anchorage connector
- body wear (full-body harness)
- connecting device



POSITIONING/RESTRAINT*

A positioning/restraint system is used to hold a worker in place while allowing a hands-free work environment at elevated heights and/or restrict the worker's movement to prevent reaching a location where a fall hazard exists.

- A typical positioning/restraint system consists of:
- anchorage/anchorage connector
 - body wear (full-body harness or body belt)
 - connecting device (positioning lanyard)



SUSPENSION*

Suspension systems are used widely in the window washing and painting industries and are designed to lower and support a worker while allowing a hands-free work environment. A typical suspension system would include:

- anchorage/anchorage connector (anchor bolt, trolley, carabiner, etc.)
- body wear (full-body harness)
- connecting device (workline)
- suspension device (Bosun's chair)



RETRIEVAL

The retrieval system is primarily used in confined space applications where workers must enter tanks, manholes, etc. and may require retrieval from above should an emergency occur.

- A retrieval system typically consists of:
- anchorage/anchorage connector (tripod, davit)
 - body wear (full-body harness)
 - connecting device (retractable lifeline/retrieval unit)



* The positioning and suspension systems are not designed for fall arrest, and therefore a back-up fall arrest system should be used.

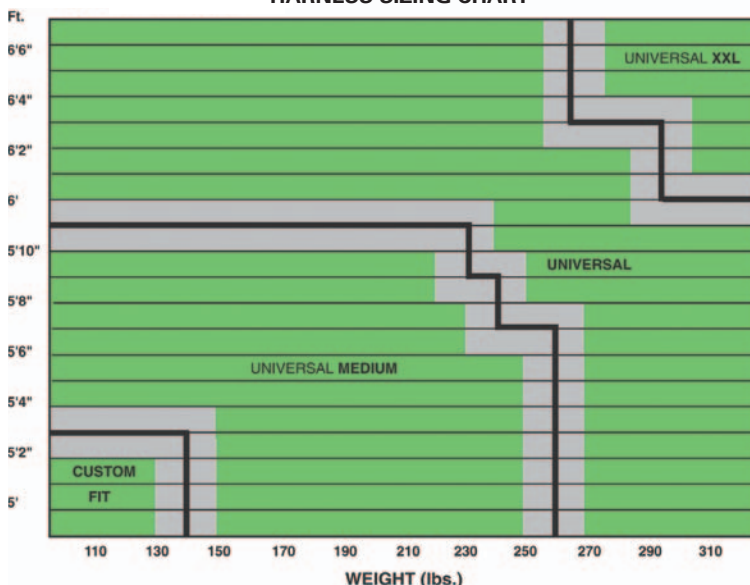
FULL BODY HARNESES CSA STANDARD - Z259.10-M90

Classifications:

- Group A - Fall Arresting
- Group D - Controlled Descent
- Group E - Confined entry and exit (raising & lowering)
- Group L - Ladder Climbing
- Group P - Work Positioning



HARNESS SIZING CHART



Sizing chart to serve as a guideline only. Universal size typically fits large and XL sizes. Universal Medium size typically fits small or medium. If your size falls in the shaded areas, you may choose either size depending on your preference. The larger size may be more appropriate if you are required to wear heavier or bulkier clothing. Contact your Customer Service Representative with any questions.



BUYER'S GUIDE TO HARNESS FEATURES

STANDARD FEATURES



Sliding Back D-Ring

Sliding back D-ring with injection moulded, flexible Santoprene® D-ring pad. Comfort-touch back D-ring pad (inset) provides added comfort.



Pull-free Lanyard Rings

Allows user to attach lanyard when not in use. Minimizes hazards associated with the lanyard hanging freely.



Front D-Ring

Used for a variety of climbing, confined space and rescue applications.



Side D-Rings

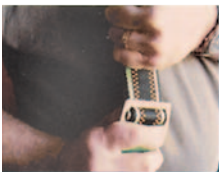
Most commonly used for work positioning.



Shoulder D-Rings

Primarily used for lifting and lowering individuals, such as in confined space and rescue applications.

ADJUSTMENT BUCKLE TYPES



Friction Buckle

To adjust the friction buckle, simply pass the webbing over the knurled bar and back down between the knurled bar and frame. Pull web end to tighten.



Mating Buckle

To connect the mating buckle, push the centre bar buckle completely through the square link and allow it to fall into place. Pull web end to tighten.



Tongue Buckle

The tongue buckle works similar to a belt buckle. Insert the loose strap of webbing through the tongue buckle placing the buckle tongue through the appropriate grommet hole. Push remaining webbing through the keeper.



Quick-Connect Buckle

Quick-connect buckles for chest and leg straps interlock similar to a seat belt for easy donning and feature a dual-tab release mechanism to prevent accidental opening.



Relief Step™ Safety Device

Small and lightweight; the Relief Step™ safety device attaches to any brand full-body harness.

6 EASY STEPS THAT COULD SAVE YOUR LIFE

HOW TO DON A HARNESS



Step 1

Hold harness by back D-ring. Shake harness to allow straps to fall in place.



Step 2

If chest, leg and/or waist straps are buckled, release straps and unbuckle at this time.



Step 3

Slip straps over shoulders so D-ring is located in middle of back between shoulder blades.



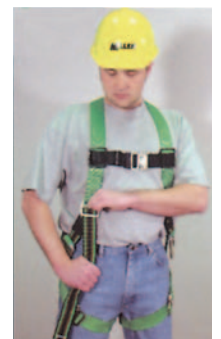
Step 4

Pull leg straps between legs and connect to opposite end. Repeat with second leg strap. If belted harness, connect waist strap after leg straps.



Step 5

Connect chest strap and position in mid-chest area. Tighten to keep shoulder straps taut.



Step 6

After all straps have been buckled, tighten all buckles so that harness fits snug but allows full range of movement. Pass excess strap through loop keepers.



Fall Protection

MILLER® REVOLUTION™ HARNESSES

EXCEEDING WORKER EXPECTATIONS IN COMFORT, FIT, EASE-OF-USE, DURABILITY, COMPLIANCE, FLEXIBILITY AND CONVENIENCE. THE NEW MILLER® REVOLUTION™ HARNESS PROVIDES OVER 11 KEY PRODUCT FEATURES FROM 7 UNIQUE COMPONENTS:

- PivotLink™ connection – Unique rotary design provides greater comfort in bending/mobility; provides attachment points for belts/tools/accessories
- Integrated accessory system – Modular attachment design provides additional connection points for belts/tools/accessories; optional universal attachment clips available
- Cam buckle – Easy, one-hand adjustment/release allows simultaneous adjustment of shoulder straps
- ErgoArmor™ back shield – Semi-flexible back shield minimizes impact from sharp/heavy snap hooks and self-retracting lifelines; knitted mesh membrane minimizes moisture absorption and maintains optimal air circulation; helps position back D-ring correctly for 95% of workers; stand-up D-ring simplifies connection
- DualTech™ webbing – Donning made easy with two-sided, contrasting colour webbing and textures
- Web finials – Clip-on design safely organizes webbing after proper adjustment
- Self-contained label pack – Integrated pack encapsulates labels, minimizing damage and loss

ALL MILLER® REVOLUTION™ HARNESSES INCLUDE THE FOLLOWING COMPONENTS AS STANDARD FEATURES:

- Quick-connect chest buckles
- Cam buckle shoulder straps
- ErgoArmor™ back shield
- Stand-up back D-ring
- Self-contained label pack
- Web finials

A variety of user-friendly accessories are available, including: cell phone and radio holders; water bottle holder; bolt, nail and tool holders; hammer loops; plier/tool holder and utility pouch. Universal sizing.

Integrated Accessory System

PivotLink™ Connection

ErgoArmor™ Back Shield



SAN124

MILLER® REVOLUTION™ HARNESS WITH DUALTECH™ WEBBING

| Order No. | Mfg. No. | Description |
|-----------|-----------------|---|
| SAN124 | RDT-QC/UBKC | Quick-Connect Buckle Legs |
| SAN125 | RDT-TB/UBKC | Tongue Buckle Legs |
| SAN126 | RDT-QC-B/UBKC | Removable Belt, Quick-Connect Buckle Legs |
| SAN127 | RDT-TB-B/UBKC | Removable Belt, Tongue Buckle Legs |
| SAN128 | RDT-QC-DP/UBKC | Side D-Rings & Pad, Quick-Connect Buckle Legs |
| SAN129 | RDT-TB-DP/UBKC | Side D-Rings & Pad, Tongue Buckle Legs |
| SAN130 | RDT-QC-BDP/UBKC | Removable Belt, Side D-Rings & Pad, Quick-Connect Buckle Legs |
| SAN131 | RDT-TB-BDP/UBKC | Removable Belt, Side D-Rings & Pad, Tongue Buckle Legs |

MILLER® REVOLUTION™ HARNESS ACCESSORIES

| Order No. | Mfg. No. | Description |
|--------------------|----------|---|
| ACCESSORIES | | |
| SAN132 | RIA-T1 | Mini Cell Phone Holder w/Snap-On Connector |
| SAN133 | RIA-T2 | Regular Cell Phone/Jobsite Radio Holder w/Snap-On Connector |
| SAN134 | RIA-T3 | Water Bottle Holder, 1 Qt. |
| SAN135 | RIA-T4 | Large Open Bolt & Bull Pin Bag w/Quick Release Tool Snap |
| SAN136 | RIA-T5 | Medium Open Bolt & Bull Pin Bag |
| SAN137 | RIA-T6 | 2-Pocket Nail & Tool Pouch |
| SAN138 | RIA-T7 | Large Multi Pouch Tool Bag w/2 Steel Hammer Loops |
| SAN139 | RIA-T8 | Padded Hammer Loop |
| SAN140 | RIA-T9 | Open End Pliers & Tool Holder |
| SAN141 | RIA-T10 | Zippered Cylindrical Utility Pouch |

OPTIONAL PADDING

| | | |
|--------|--------|----------------------------|
| SAN142 | RIA-P1 | Shoulder/Leg Pads (2/pack) |
| SAN143 | RIA-P2 | Seat Pad |

CONNECTION POINTS

| | | |
|--------|--------|---|
| SAN144 | RIA-C1 | Sliding Belt Connector (3/pack) |
| SAN145 | RIA-C2 | Universal Accessory & Belt Attachment Clip (2/pack) |

BELTS (FITS SIZES 32" TO 54")

| | | |
|--------|--------|---|
| SAN146 | RIA-B1 | Belt w/PivotLink™ Attachments, 5-Accessory Connectors |
| SAN147 | RIA-B2 | Belt w/Pad and PivotLink™ Attachments, 5-Accessory Connectors |

Note: Inquire about individual accessories.



SAN132

SAN137

SAN141

SAN142

SAN133

SAN140

SAN134

SAN138

SAN139

SAN135

SAN143



BELTLESS LIGHTWEIGHT HARNESSSES

Harnesses provide fall protection while allowing for maximum worker mobility on job site. Durable non-stretching nylon webbing construction resists abrasions and environmental elements and provides some shock absorption during fall.

A. GROMMETED LEG STRAPS

- Lightweight harness with sliding back D-ring
- Features friction buckle shoulder strap, adjusters, quick-connect buckle on the shoulder strap retainer and a sub-pelvic strap
- Available with or without the addition of shoulder and chest D-rings
- One universal size fits most
- Meets all applicable OSHA, ANSI and CSA requirements, including ANSI Z359.1



B. QUICK-CONNECT LEG STRAPS

Same as above but it features quick-connect buckles on leg straps and shoulder strap retainer. One size fits all.



| Order No. | Mfg. No. | Description | CSA Group |
|------------------------------------|----------|------------------------------------|------------|
| A. GROMMETED LEG STRAPS | | | |
| SC961 | 650-4 | Harness | A |
| SC962 | 650FD4 | Harness w/Chest D-Ring | A, D, L |
| SC963 | 650-64 | Harness w/Shoulder D-Ring | A, E |
| SC964 | 650FD64 | Harness w/Chest & Shoulder D-Rings | A, D, E, L |
| B. QUICK-CONNECT LEG STRAPS | | | |
| SC965 | 650/UYKC | Harness | A |
| SC966 | 650-C | Harness w/Chest D-Ring | A, D, L |
| SC967 | 650-3 | Harness w/Shoulder D-Ring | A, E |

FRONT D-RING HARNESSSES

- Optimal work positioning for enhanced productivity
- Unique built-in front D-ring assembly
- Adjusts up or down for positioning versatility
- Mating buckles and side D-rings for additional positioning
- Available in lightweight durable nylon webbing and DuraFlex® Teflon®HT coated stretchable webbing
- One universal size fits most
- Meets all applicable OSHA, ANSI and CSA requirements, including ANSI Z359.1



SC978



| Order No. | Mfg. No. | Description | Colour | CSA Group |
|-----------|----------|-------------------|--------------|-----------|
| SC977 | 552 | Lightweight Nylon | Yellow/Black | A, L, P |
| SC978 | E552SN | DuraFlex® | Lime Green | A, L, P |

NON-STRETCH HARNESS

- Non-stretch, lightweight and durable nylon webbing
- Bright yellow colour makes non-stretch harnesses readily visible and easy to inspect
- Back strap prevents user from falling out of the harness
- Fall indicator/warning flag indicates that the harness has been involved in a fall and should be removed from service
- Lanyard ring allows user to attach lanyard when not in use
- Belt loops to accommodate belts, back pads and other accessories
- Available in Quick-Connect and Step-In
- Meets all applicable OSHA, ANSI and CSA requirements, including ANSI Z359.1



| Order No. | Mfg. No. | Description | Size | CSA Group |
|-----------|----------|-----------------------|---------------|-----------|
| SC969 | 751S/M | Quick-Connect Harness | Small/Medium | A |
| SC970 | 751L/X | Quick-Connect Harness | Large/X-Large | A |
| SC971 | 750S/M | Step-In Harness | Small/Medium | A |
| SC972 | 750L/X | Step-In Harness | Large/X-Large | A |

DURAFLEX® STRETCHABLE HARNESSSES

DuraFlex® harnesses are stretchable, the worker has greater mobility with less fatigue.

- Synthetic elastomer webbing stretches with the worker for maximum comfort
- Webbing coated with DuPont® Teflon®HT for protection against spills and stains
- Back strap prevents user from falling out of the harness
- Injection-moulded Santoprene® D-ring back pad is soft and flexible, enhancing comfort
- Fall indicator/warning flag indicates that the harness has been involved in a fall and should be removed from service
- Lanyard ring allows user to attach lanyard when not in use
- Labeling includes inspection tag and space for personal identification
- Belt loops to accommodate belts, back pads and other accessories
- Available with buckle leg and chest strap or grommeted leg straps
- Meets all applicable OSHA, ANSI and CSA requirements, including ANSI Z359.1

SC975



| Order No. | Mfg. No. | Description | Colour | CSA Group |
|-----------|----------|----------------------------|------------|-----------|
| SC973 | E650SN | Buckle Leg and Chest Strap | Lime Green | A, D |
| SC975 | E650-4SN | Grommeted Leg Straps | Lime Green | A, D |



Fall Protection

MILLER® ULTRA HARNESSSES

DESIGNED FOR SUPERIOR COMFORT, FIT & SAFETY PERFORMANCE



A NEW PREMIER LINE OF MILLER® BRAND HARNESSSES:

DuraFlex® Ultra

DuraFlex® Python™ Ultra

UNIQUE FEATURES INCLUDE:

- Comfort-touch back D-ring pad is designed with woven, breathable material for cooler extended wear comfort; orients harness for quick tangle free donning
- Sleek, quick-connect buckles for chest and leg straps, interlock similar to a seat belt, for easy donning and feature a dual-tab release mechanism to prevent accidental opening
- The new line of Ultra Harnesses is designed with patented DuraFlex® stretchable webbing that provides greater comfort, increases productivity and improves safety
- In addition, the DuraFlex® Python™ Ultra Harness also features cushioned tubular webbing in the shoulder straps to minimize possible discomfort around the neck and shoulders when required to wear a tool belt



QUICK-CONNECT BUCKLES



COMFORT-TOUCH BACK D-RING PAD

SAK309



SAK310



SAK311



DURAFLEX® ULTRA HARNESSSES

| Order No. | Mfg. No. | Front D-Ring | Side D-Rings | Chest Strap Buckle | Shoulder Strap Buckles | Leg Strap Buckles | Teflon® Web Protection |
|-----------|-------------|--------------|--------------|--------------------|------------------------|-------------------|------------------------|
| SAK309* | E650QC/U | Option | No | Quick-Connect | Friction | Quick-Connect | Yes |
| SAK310* | E650-7QC/U | Option | Yes | Quick-Connect | Friction | Quick-Connect | Yes |
| SAK311** | E650-77QC/U | Option | Yes | Quick-Connect | Friction | Quick-Connect | Yes |

* Comfort-Touch Back D-Ring Pad

** Comfort-Touch Back D-Ring Pad; Belt Loops, Body Belt

SAK142



SAK307



SAK308



DURAFLEX® PYTHON™ ULTRA HARNESSSES

| Order No. | Mfg. No. | Front D-Ring | Side D-Rings | Chest Strap Buckle | Shoulder Strap Buckles | Leg Strap Buckles | Teflon® Web Protection |
|-----------|-------------|--------------|--------------|--------------------|------------------------|-------------------|------------------------|
| SAK142* | P950QC/U | Option | No | Quick-Connect | Friction | Quick-Connect | Yes |
| SAK307** | P950-7QC/U | Option | Yes | Quick-Connect | Friction | Quick-Connect | Yes |
| SAK308** | P950-77QC/U | Option | Yes | Quick-Connect | Friction | Quick-Connect | Yes |

* Comfort-Touch Back D-Ring Pad

** Comfort-Touch Back D-Ring Pad; Belt Loops, Body Belt



MILLER® DURAFLEX® PYTHON™ HARNESSES

- Webbing is coated with DuPont® Teflon® HT, which provides superior water/oil repellency, and protection against spills and stains
- Shoulder straps are constructed of soft, cushioned tubular webbing
- Lower torso straps are constructed of specially-formulated DuraFlex® stretchable webbing
- Leg straps are constructed of lightweight, non-stretch webbing
- Universal sizing fits most
- Meets all applicable OSHA, ANSI and CSA requirements, including ANSI Z359.1
- Colour: Green



| Order No. | Mfg. No. | Description |
|---------------|----------|---|
| SAH525 | P950 | Back D-Ring, Friction Buckle Shoulder Straps, Mating Buckle Leg and Chest Straps |
| SAH526 | P950-4 | Back D-ring, Friction Buckle Shoulder Straps, Tongue Buckle Leg Straps, Mating Buckle Chest Strap |
| SAH527 | P950-7 | Friction Buckle Shoulder Straps, Mating Buckle Leg Strap Sliding Back D-Rings, Sliding Positioning D-Rings |
| SAH528 | P950-58 | Friction Buckle Shoulder Straps, Tongue Buckle Leg Strap, Sliding Back D-Rings, Sliding Positioning D-rings |

*Also available in blue polyester and other sizes upon request

RELIEF STEP™ SAFETY DEVICE

HELPS PREVENT SUSPENSION TRAUMA

The Miller® Relief Step™ safety device alleviates the effects of orthostatic intolerance, also known as suspension trauma. If a fall occurs, a person becomes suspended in a harness and remains both vertical and sedentary for a period of time, causing blood to "pool" in the veins of the legs. Subsequently, blood flow is restricted to the brain and other major organs that may initially result in unconsciousness. If not rescued promptly, serious injury or death may occur. The Miller® Relief Step™ is designed to provide a short-term solution in preventing suspension trauma.

- OSHA states that potentially fatal suspension trauma can occur within minutes while waiting for rescue after a fall
- Average fall rescue time is 15 minutes
- When used, the Relief Step™ safety device provides support and enhances blood circulation until rescue – permitting the ability to move and flex leg muscles
- Small and lightweight, the Relief Step™ safety device attaches to any brand full-body harness
- Utilizing two Relief Step™ devices (one for each leg/foot) assures greater comfort until rescue is completed



Order No. **SAK162**
Mfg. No. 9909X/12



EASY TO DEPLOY & USE

(Attaches to any brand full-body harness)



1. Pull tab to deploy



2. Insert foot into loop step and adjust

Relief Step™



3. Ability to stand allowing improved circulation



4. Two Relief Step™ devices provide added support, balance and comfort



BANDIT™ TOOL LANYARD

PREVENT TOOLS FROM DROPPING THAT CAN CAUSE SERIOUS INJURIES ON THE JOBSITE

- Lanyard conveniently attaches to the user's belt
- Tools are attached with the carabiner or by cinching the lanyard cord around tool

Order No. **SAK312** Mfg. No. 9077





Fall Protection

LIGHTWEIGHT/COMFORT WELDER'S HARNESS

- A complete line of lightweight, comfort welder harnesses features blue, flame-retardant Nomex® webbing to protect against weld splatter
- The special inner Kevlar® core adds strength and high-temperature resistance
- Contrasting webbing colours make inspection easier
- Rated to 400-lb (181.4 kg) capacity when using a SofStop® shock absorber



All welding harnesses include unique, durable Lexan® labelling with inspection grid for easy tracking. Order numbers listed are for universal size.

Harnesses are also available in small/medium and XX-Large.



| Order No. | Mfg. No. | Sizes | Back D-Ring | Front D-Ring | Side D-Rings | Strap Buckles | Strap Buckles | Strap Buckle | Pelvic Strap | Special Features |
|------------------------------------|------------|------------------------|-------------|--------------------|----------------------|-----------------|---------------|--------------|--------------|----------------------|
| LIGHTWEIGHT/COMFORT HARNESS | | | | | | | | | | |
| SAK325 | 850K/UBL | U | Yes | No | No | Friction | Mating | Mating | Yes | Pull-Down Adjustment |
| WELDING LANYARD | | | | | | | | | | |
| Order No. | Mfg. No. | Material | Two Legged | Harness Connection | Anchorage Connection | Standard Length | | | | |
| SAK326 | 913K/6FTBL | Nomex®/Kevlar® Webbing | No | Locking Snap Hook | Locking Snap Hook | 6' (1.8 m) | | | | |

Special Features * SofStop® Shock Absorber w/Nomex® Cover & Kevlar® Cover

ANCHORAGE CONNECTORS

Anchorage connectors are designed as the intermediary for securing a connecting device to an anchorage. Careful consideration should be given to selecting a proper anchorage for ultimate safety. The anchorage should be easily accessible, located a safe distance above any lower obstacles and support 5,000 lbs. (22 kN) per worker.

REBAR HOOK ANCHOR

Designed to facilitate anchoring to scaffolding, pipe or angle iron, and features a locking rebar hook with SofStop® shock absorber and a D-ring on the other end to accommodate the connecting device. 400-lb (181.4 kg) maximum capacity.

Order No. SD538 Mfg. No. 485/22INYL



REBAR HOOK ANCHOR

Designed to facilitate anchoring to scaffolding, pipe or angle iron, and features a locking rebar hook for easy, one-hand installation and a D-ring on the other end to accommodate the connecting device. 400-lb (181.4 kg) maximum capacity.

Order No. SD008 Mfg. No. 480/19INGN



CROSS-ARM STRAP

6' (1.8 m) web cross-arm strap wraps around I-beams and other structures and attaches with a 2" (50 mm) D-ring that slips through a 3" (76 mm) D-ring to form a secure attachment point for lanyards and other connecting devices. 400-lb (181.4 kg) maximum capacity.

Order No. SD009 Mfg. No. 8183/6FTGN



BEAM CLAMPS

The beam clamp is a steel anchor point that can be attached to horizontal I-beams, S-beams or W-beams. Its swivel attachment ring prevents twisting of the worker's connecting device. **SD006** accommodates beams with a maximum width of 9" (229 mm). **SD007** accommodates beams with a maximum width of 12 1/2" (378 mm). 400-lb (181.4 kg) maximum capacity.

Order No. SD006 Mfg. No. 450



BEAM TROLLEY

The beam trolley is adjustable and slides along with the worker to provide maximum mobility. The lightweight beam trolley retrofit kit **SD010** adjusts to fit beam flanges from 3" (76 mm) to 4 1/2" (114 mm) wide. **SAK435** accommodates I-beams up to 8 1/2" (276 mm) wide. 400-lb (181.4 kg) maximum capacity. **Order No. SD010 Mfg. No. 9065/BK**



CARABINERS

400-lb (181.4 kg) maximum capacity



Steel twist-lock carabiner; 1" (25 mm) gate opening

Order No. SAK327 Mfg. No. 17D-1



Large, steel twist-lock carabiner; 2" (50 mm) gate opening

Order No. SAK330 Mfg. No. 18D-1



Triple-action twist-lock carabiner. Lightweight aluminum; 1" (25 mm) gate opening

Order No. SAK329 Mfg. No. 17D-3



Large, aluminum twist-lock carabiner; 2 1/4" (57 mm) gate opening

Order No. SAK331 Mfg. No. 18D-2



Lightweight, aluminum twist-lock carabiner; 1" (25mm) gate opening

Order No. SAK328 Mfg. No. 17D-2



PERMANENT ANCHORAGE CONNECTOR



This anchorage connector is designed as the intermediary for securing a connecting device to an anchorage. Careful consideration should be given to selecting a proper anchorage for ultimate safety. The anchorage should be easily accessible, located a safe distance above any lower obstacles and support 5,000 lbs. (22 kN) per worker. 400-lb (181.4 kg) maximum capacity. D-Bolt Anchor 1/2" (13 mm) diameter D-bolt; 1 1/4" (32 mm) long; one-piece unit with lockwasher and nut.

Order No. SD005 Mfg. No. 415





LANYARDS

Compatible with all belts and harnesses. All feature double locking snaps to prevent "roll-out". Lanyards should be kept as short as possible to minimize the force of a free fall. Attach lanyards to the appropriate anchor points. Miller® lanyards meet all applicable OSHA, ANSI, and CSA requirements.

MILLER® MANYARD® SHOCK-ABSORBING LANYARDS

With 20 years of design refinement, the Miller® Manyard® shock-absorbing lanyards are unsurpassed in the market.

- Special woven shock-absorbing inner core reduces fall arrest forces
- Heavy-duty tubular outer jacket serves as a back-up web lanyard
- Unique warning flag provides visual proof that a lanyard has been involved in a fall and should be removed from service

| Order No. | Mfg. No. | Description | Size' |
|-----------|--------------|--|-------|
| SC980 | 216WLS/4FTYL | Shock-Absorbing w/two Locking Snaps | 4 |
| SC981 | 216WLS/5FTYL | Shock-Absorbing w/two Locking Snaps | 5 |
| SC982 | 216WLS/6FTYL | Shock-Absorbing w/two Locking Snaps | 6 |
| SC983 | 216WLS/8FTYL | Shock-Absorbing w/two Locking Snaps | 8 |
| SC984 | 219WRS/4FTYL | Shock-Absorbing w/Locking and Ladder Snaps | 4 |
| SC985 | 219WRS/5FTYL | Shock-Absorbing w/Locking and Ladder Snaps | 5 |
| SC986 | 219WRS/6FTYL | Shock-Absorbing w/Locking and Ladder Snaps | 6 |
| SC987 | 219WRS-8 | Shock-Absorbing w/Locking and Ladder Snaps | 8 |
| SAH529 | 231WRS/6FTYL | Shock-Absorbing, two-legged w/one-locking snap and two locking rebar hooks | |

MILLER® MANYARD® II STRETCHABLE SHOCK-ABSORBING LANYARDS

Manyard® II shock-absorbing lanyards imitate the Manyard® lanyards, plus offer additional value-added features:

- Unique stretchable design offers greater manoeuvrability and safety
- Integral bright red core makes visual inspection easier and more reliable

| Order No. | Mfg. No. | Description |
|-----------|------------|---|
| SAH530 | 216M/6FTGN | Two locking snap hooks |
| SAH531 | 219M/6FTGN | One locking snap hook and one locking rebar hook |
| SAH532 | 231M/6FTGN | Two-legged design w/one locking snap hook and two locking rebar hooks |

POSITIONING & RESTRAINT LANYARDS

Rope lanyards are made of 5/8" specially conditioned nylon rope and are compatible with all belts and harnesses. Available in 4, 6 and 8 feet lengths with two locking snaps or locking and 2 1/2" opening ladder/rebar snap.

SOFTSTOP® SHOCK-ABSORBING LANYARDS

Can be attached directly to the back D-ring of a full body harness for best protection against fall-arresting force. Available in 4, 5 and 6 feet rope or webbing styles with two locking snaps.

| Order No. | Mfg. No. | Description | Size' |
|-----------|-----------------|---|-------|
| SA012 | 201RLS-2/4FTWHC | Rope Lanyard w/two Locking Snaps | 4 |
| SA013 | 201RLS-2/6FTWHC | Rope Lanyard w/two Locking Snaps | 6 |
| SA014 | 201RLS-2/8FT | Rope Lanyard w/two Locking Snaps | 8 |
| SD512 | 202RRS-2/4FTWHC | Rope Lanyard w/Locking and Ladder/rebar Snaps | 4 |
| SD513 | 202RRS-2/6FTWHC | Rope Lanyard w/Locking and Ladder/rebar Snaps | 6 |
| SD514 | 202RRS-2/8FTWHC | Rope Lanyard w/Locking and Ladder/rebar Snaps | 8 |
| SA033 | 901RLS-2-4 | Sofstop® Rope Lanyard w/Locking Snaps | 4 |
| SA034 | 901RLS-2-5 | Sofstop® Rope Lanyard w/Locking Snaps | 5 |
| SA035 | 901RLS-2-6 | Sofstop® Rope Lanyard w/Locking Snaps | 6 |
| SA036 | 913WLS/4FTYL | Sofstop® Web Lanyard w/Locking Snaps | 4 |
| SA037 | 913WLS/5FTYL | Sofstop® Web Lanyard w/Locking Snaps | 5 |
| SA038 | 913WLS/6FTYL | Sofstop® Web Lanyard w/Locking Snaps | 6 |



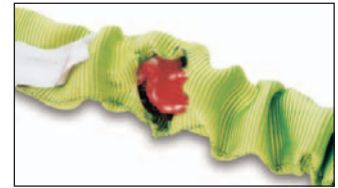
SC984



SC980



SAH530



SA012



SA036

NOTE: Lanyards must be taken out of service after being subject to a fall arrest.



Fall Protection

MILLER® SCORPION™ PERSONAL FALL LIMITER

THE QUICK-ACTIVATING SCORPION™ PERSONAL FALL LIMITER (PFL) STRIKES A BETTER DEFENSE THAN SHOCK-ABSORBING LANYARDS.

- Greater versatility through dual operation:
 - attach directly to the harness D-ring for use as a personal fall limiter or use as a traditional retractable lifeline (utilizing a variety of anchorage connectors)
 - Small, lightweight design: 2.9 lbs. (1.3 kg)
 - Quick-activating, high-strength stainless steel braking system - arrests free falls within inches
 - 9' of working capacity- offers more mobility and increases productivity
 - No annual factory recertification required
 - Visual load indicator - indicates when the unit must be removed from service
 - Webbing protected with Teflon® HT* for an invisible finish that provides superior water/oil repellency and protection against grease, dirt and grime.
 - Variety of integral anchorage connectors available
 - 400-lb (181.4kg) capacity units available upon request
- * Teflon® is a registered trademark of DuPont®. Only DuPont® makes Teflon®.



Unit shown with locking swivel snap hook

MILLER® SCORPION™ PFL/CONNECTOR OPTIONS

| Order No. | Mfg. No. | Description and Unit Connector | Lanyard End Connector |
|-----------|-----------|--|---|
| SAK314 | PFL-4/9FT | Scorpion™ w/Carabiner and Swivel Shackle | Locking Snap Hook (3/4" [19 mm] Gate Opening) |
| SAK315 | PFL-5/9FT | Scorpion™ w/D-Ring Swivel Hook | Locking Snap Hook (3/4" [19 mm] Gate Opening) |

Meets OSHA 1926.502, OSHA 1910.66, ANSI Z359.1, ANSI A10.14, CSA 259.2.2.

MILLER® FALCON™ SELF-RETRACTING LIFELINE

INTRODUCING THE LIGHTEST, MOST RUGGED LINE OF COMPOSITE RETRACTABLES ON THE MARKET. POUND FOR POUND THE STRONGEST, MOST DURABLE RETRACTABLE LIFELINE AVAILABLE.

- Corrosion-resistant stainless steel and aluminum internal components extend service life and reduce replacement costs
- Lightest composite unit on the market
 - easy to handle and transport to/from jobsites
- Unique side payout design reduces wear on the entry guide bushing and cable for smooth operation with less drag
- Smooth, quiet operation; engineered spring retraction tension designed not to pull or drag on a worker to improve productivity and reduce fatigue
- Built-in, ergonomically-designed moulded handle on the 50' unit provides support and leverage when attaching to an anchorage connector; easier to install
- Dual swivels (unit top and snap hook) included on all units to prevent lifeline from twisting during use
- New and improved load indicator on the snap hook identifies when the unit needs to be removed from service



SPECIFICATIONS

MATERIALS

| | |
|---------------------------|---|
| Housing: | High-Impact Nylon |
| Hub: | Heat Treated Aluminum |
| Braking Mechanism: | Stainless Steel and Bronze |
| Cable Lifeline: | 7 x 19, 3/16" (5 mm) Diameter Galvanized or Stainless Steel |
| Snap Hook: | Zinc-Plated, Double-Locking Swivel Snap Hook with 3/4" (19 mm) Gate Opening |

TECHNICAL

| | |
|---------------------------------|--|
| Maximum Working Load: | 310 lbs. (148 kg) or 400 lbs. (181 kg) using a SofStop® Shock Absorber Pack (928LS) |
| Working Capacity: | 20' (6.2m), 30' (10m), 50' (15m) & 65' (20m) |
| Maximum Arresting Force: | <900 lbs/f (4 kN) for up to 310-lb (140kg) Working Load <1800 lbs/f (8 kN) for up to 400-lb (181kg) Working Load using a SofStop® Shock Absorber Pack (928LS) |

LIFETIME HOUSING GUARANTEE*

Nearly indestructible, high impact-resistant nylon housing withstands the harsh rigors for the toughest applications. Smooth, round edges increase durability.

*When used under typical working conditions

| Order No. | Mfg No. | Description | Weight | Dimensions | | | | |
|-----------|------------|---|-------------------|----------------|---|---------------|---|-------------|
| | | | | L | x | W | x | D |
| SAK316 | MP20G/20FT | Miller® Falcon™ 20' (6.2 m) Galvanized Wire Rope (3/16" [5 mm]) w/Tagline & Carabiner | 8.9 lbs. (4 kg) | 10" (255 mm) | x | 8.4" (213 mm) | x | 4" (107 mm) |
| SAK317 | MP50G/50FT | Miller® Falcon™ 50' (15 m) Galvanized Wire Rope (3/16" [5 mm]) w/Tagline & Carabiner | 14.8 lbs. (6.7kg) | 13.5" (342 mm) | x | 9.7" (246 mm) | x | 4" (101 mm) |

Meets all applicable OSHA, ANSI, CSA and CE requirements.



MINILITE™ FALL LIMITER

WHAT IS A FALL LIMITER?

A fall limiter is a self-retracting lanyard with a quick-activating braking system that limits a free fall to inches. In contrast to shock-absorbing lanyards, a fall limiter eliminates the need for extended fall distance clearance. This minimizes the risk of injuries and makes rescue easy.

- Lightweight, compact design – only 2.5 lbs.
- Corrosion-resistant interior, frame and components
- Visual load indicator
- High-impact protective outer cover
- Prominent reflective labeling
- Available with a variety of integral anchorage connectors
- Meets OSHA, ANSI, CSA Z259.2.2 type 1 and CE requirements

THE MINILITE™ FALL LIMITER:

- Arrests free falls within inches
- Offers up to 11 feet of working capacity
- So compact that it fits in the palm of your hand
- Provides the best overall value when compared with competitive units



| Order No. | Mfg. No. | Description |
|-----------|-------------|---|
| SG987 | FL11-3/11FT | W/Steel twist lock carabiner and stainless steel swivel shackle |
| SG988 | FL11/11FT | Without anchorage connector |
| SG989 | FL11-1/11FT | With steel twist-lock carabiner |

MIGHTEVAC™

SELF-RETRACTING LIFELINE WITH EMERGENCY RETRIEVAL HOIST

The new Miller® MightEvac™ combines the superior performance and reliability of the best-selling MightyLite Self-Retracting Lifeline Series with a quick-activating retrieval mechanism for emergency evacuation.

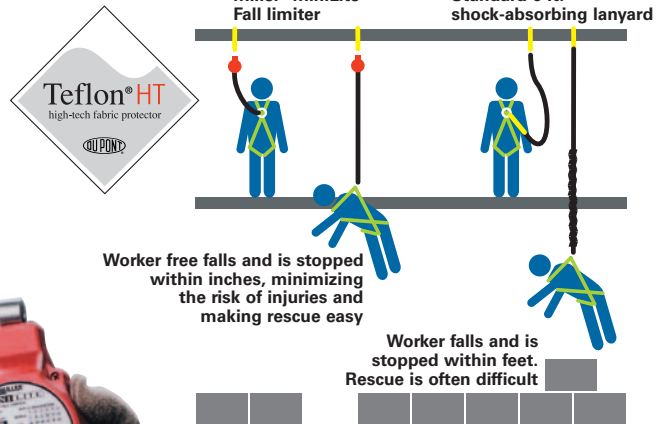
- 20% lighter than competitive styles
- Provides quick and easy rescue with a 4:1 mechanical advantage (average speed of 25 feet per minute)
- Durable, field-tested construction
- Corrosion-resistant stainless steel/aluminum components
- Convenient, heavy-duty carrying handle
- Galvanized wire rope in lengths of 50 feet, 100 feet and 130 feet
- Also available with stainless steel wire rope and Kevlar® rope upon request
- Meet OSHA, ANSI A 10.14, Z359.1, CSA Z359.2.2 type 3 and CE standards
- 310-lb weight capacity



| Length of Wire rope | MightEvac™ Unit w/galvanized Wire rope | | MightEvac™ Unit w/mounting Bracket | |
|---------------------|--|--------------|------------------------------------|---------------|
| | Mfg. No. | Mfg. No. | Mfg. No. | Mfg. No. |
| 50' | SAH519 | MR50G/50FT | SAH522 | MR50GB/50FT |
| 100' | SAH520 | MR100G/100FT | SAH523 | MR100GB/100FT |
| 130' | SAH521 | MR130G/130FT | SAH524 | MR130GB/130FT |

Includes a pulley and carabiner

MINIMIZE FREE FALL DISTANCE



Quick-activating, high-strength stainless steel braking system

MIGHTYLITE SELF-RETRACTING LIFELINES

MightyLite Lifelines are the perfect fall protection solution for an array of construction, industrial, warehouse, utility, telecommunications, agriculture, mining and confined space applications.

- Ideal for hard-to-mount locations
- Corrosion-resistant stainless steel and aluminum components extend service life
- Carabiner and tagline included
- Meet OSHA, ANSI, CSA Z259.2.2 type 2 and CE requirements



| Order No. | Mfg. No. | Description |
|-----------|-------------|-----------------------------|
| SD001 | RL20P/20FT | 1" Polyester Webbing |
| SD002 | RL20G/20FT | 3/16" Galvanized Cable |
| SD003 | RL20SS/20FT | 3/16" Stainless Steel Cable |



Fall Protection

RETRACTABLE WEB LANYARDS

The retractor allows freedom of movement, moves with the worker. The internal braking system activates and locks immediately in the event of a slip or fall. Ideal for warehouse, cherry picker or aerial basket applications. Available in 8 feet webbing length with 2 attachment carabiners or 9 feet with two carabiners and Sofstop® shock absorber. CSA approved.

Order No. SC988

Mfg. No. AD6902/8FTYL
8' w/carabiners

Order No. SC989

Mfg. No. AD6902/8FTYL
9' w/carabiners
& Sofstop® Absorber



MILLER® ROPE GRABS

Miller® rope grabs move easily up and down vertical lifelines to provide continuous fall protection. Trailing styles offer complete hands-free operation for increased productivity. In the event of a fall, Miller® rope grabs lock quickly.

- Compact design; corrosion-resistant stainless steel construction
- Lightweight and easy to use



| Order No. | Mfg. No. | Description |
|---------------|----------------|---|
| SAK318 | 8175/C | Stainless Steel Trailing Rope Grab for Use with 5/8" (76 mm) Rope |
| SC993 | 8175RLS/3FTWHC | SAK318 w/Attached 3' (1 m) Rope Lanyard w/Locking Snap Hook |
| SC994 | 8175WLS/3FTYLC | SAK318 w/Attached 3' (1 m) Web Lanyard w/Locking Snap Hook |
| SC995 | 8175SLS/3FTYLC | SC994 w/SofStop® Shock Absorber w/Locking Snap Hook |

Note: Locking snap hook – 3/4" (19 mm) gate opening.

VERTICAL LIFELINES

| Order No. | Mfg. No. | Description |
|--------------|----------------|---|
| SC996 | RA20C-2/25FTC | 25' polyester/polypropylene blend rope lifeline w/carabiner |
| SC998 | 300L-2/25FTBLC | 5/8" dia. Polyester/polypropylene blend rope w/snap hook, 25' |
| SC999 | 300L-5/50FTBLC | 5/8" dia. Polyester/polypropylene blend rope w/snap hook, 50' |

BACKBITER™ TIE-BACK LANYARD

The first and only lanyard that can be safely tied back onto itself. Made with Miller® exclusive new 5K snap hook (gate load capacity of 5000 lbs), which is designed especially for wrapping around objects and snapping back onto the lanyard. This lanyard offers a solution to the common, yet unsafe, practice of workers wrapping a regular lanyard around their anchor point. All styles come with the Sofstop® shock absorber.



| Order No. | Mfg. No. | Description | Colour |
|--------------|-------------|--|--------|
| SH005 | 913B/6FTGN | Backbiter™ with 5K Snap hook and Locking snap hook | Green |
| SH007 | 913BD/6FTBL | Backbiter™ with 5K Snap hook and Locking snap hook | Blue |



CONTRACTOR'S HARNESSES

Titan™ full-body harness is made from lightweight durable polyester webbing for comfort and dependability. Features a fully adjustable design, mating style shoulder and chest straps, sliding back D-ring and sub-pelvic strap. Universal size fits most shapes. Colour: Orange. Meets CSA, OSHA, and ANSI standards for fall protection products. Classified for fall arresting and/or work positioning.



| Order No. | Mfg. No. | Side D-Ring | Leg Strap Buckles |
|-----------|----------|-------------|-------------------|
| SN064 | T4000 | No | Buckles |
| SN065* | T4007 | Yes | Buckles |
| SN066 | T4500 | No | Grommeted |
| SN067* | T4507 | Yes | Grommeted |

*Fall arresting and work positioning classification.

TITAN® T-FLEX™ STRETCHABLE HARNESSES

FEATURES PATENTED STRETCHABLE WEBBING FOR GREATER COMFORT

The new Titan® T-FLEX™ stretchable harnesses have a durable, stretch polyester webbing construction for improved comfort and greater mobility.

- Competitively-priced harness with comfort-stretch webbing available only from Miller®
- Fully adjustable design for maximum comfort
- Non-slip chest strap assures proper fit
- Sub-pelvic strap for added safety and support



TITAN® T-FLEX™ STRETCHABLE HARNESS STYLES



SAK297



SAK298



SAK299



SAK300

| Order No. | Mfg. No. | Stretchable Webbing | Back D-Ring | Side D-Rings | Shoulder Strap Buckles | Leg Strap Buckles | Chest Strap Buckle | Sub-Pelvic Strap |
|-----------|----------|---------------------|-------------|--------------|------------------------|-------------------|--------------------|------------------|
| SAK297 | TF4000/U | Polyester | Yes | No | Mating | Mating | Mating | Yes |
| SAK298 | TF4500/U | Polyester | Yes | No | Mating | Tongue | Mating | Yes |
| SAK299 | TF4007/U | Polyester | Yes | Yes | Mating | Mating | Mating | Yes |
| SAK300 | TF4507/U | Polyester | Yes | Yes | Mating | Tongue | Mating | Yes |

Titan® products meet all applicable OSHA and ANSI, including Z359.1 and CSA requirements.



Fall Protection

SHOCK-ABSORBING LANYARDS

Titan® lanyards are made of lightweight, durable polyester webbing, 6 ft. (1.8 m) length and locking snap hook for the harness, and are available with two different types of shock-absorbers:

Tubular built-in core style features a built-in woven inner core which smoothly expands to reduce fall arrest forces, while the outer jacket serves as a back-up web lanyard.

Pack-type style includes the shock absorber pack as an integral part of the standard lanyard. In the event of a fall, the pack expands to reduce fall forces while a back-up safety strap deploys for added fall protection.



| Order No. | Mfg. No. | Shock-Absorber Type | Number of Legs | Anchorage Connection |
|-----------|----------|---------------------|----------------|----------------------|
| SN069 | T5111 | Built-In Core | One | Locking Snap Hook |
| SN070 | T5112 | Built-In Core | One | Locking Rebar Hook |
| SN071 | T5121 | Built-In Core | Two | Locking Snap Hook |
| SN072 | T5122 | Built-In Core | Two | Locking Rebar Hook |
| SN073 | T6111 | Pack-Type | One | Locking Snap Hook |
| SN074 | T6121 | Pack-Type | Two | Locking Snap Hook |
| SN075 | T6122 | Pack-Type | Two | Locking Rebar Hook |

* Standard length is 6'; also available in lengths from 3' to 10'. Tubular shock-absorbing lanyards are not available in 3' length. Locking snap hook - 3/4" gate opening; locking rebar hook - 2 1/4" gate opening.

TITAN® AERIAL LIFT FALL PROTECTION KITS

Titan® full-body harness **SN064** with permanently attached 6' (1.8 m) tubular shock-absorbing lanyard **SN069**

Order No. SAH515 Mfg. No. TK4051

Same as **SAH515** except includes a convenient carrying bag with Titan® logo

Order No. SAH516 Mfg. No. TK4051B

Titan® full-body harness **SN064** with permanently attached 6' (1.8 m) tubular shock-absorbing lanyard **SN070**

Order No. SAH517 Mfg. No. TK4052

Same as **SAH517** except includes a convenient carrying bag with Titan® logo

Order No. SAH518 Mfg. No. TK4052B



CONSTRUCTION & GENERAL MAINTENANCE FALL PROTECTION KIT

- One Titan® full body universal sized harness with mating buckle leg straps (**SN064**)
- One Titan® 6' (1.8 m) tubular shock-absorbing lanyard (**SN069**)
- One Titan® 6' (1.8 m) cross arm strap anchorage connector

Order No. SR532

Mfg. No. TCK4500





ROOF ANCHOR KITS

Miller® Roof Anchor Kits are easy to install and are ready in minutes to provide hours of protection.

FEATURES:

- Versatile, reusable roof anchors install on steep pitched or flat-surface roofs
- Rope grab with integral SofStop® shock-absorbing web lanyard allows freedom of movement while reducing forces should a fall occur
- Durable nylon rope lifeline provides strength under stress and protects against ultraviolet rays



ROOF ANCHOR KITS INCLUDE:

- 25 foot 5/8" nylon rope lifeline
- Manual rope grab with 24" lanyard with SofStop® shock absorber
- DuraFlex® stretchable harness
- Carabiner
- Written and video instructions
- 2 reusable roof anchors and 20 pan head screws
- Durable carrying bag

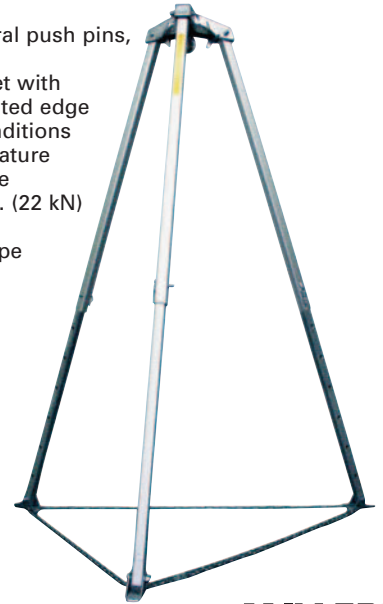


| Order No. | Mfg. No. | Description |
|--------------|----------------|----------------------|
| SD011 | RA20C-25/25FTC | Roofer's kit, 25' |
| SD013 | RA20-1 | Roof anchor brackets |

MILLER® TRIPOD

The Miller® tripod is the anchorage connector for typical confined space and rescue systems.

- Lightweight, high-strength aluminum construction
- Adjustable legs with integral push pins, ideal for uneven surfaces
- Safety chain and tripod feet with rubber skid pads and serrated edge prevent slippage in icy conditions
- Independent leg locking feature holds legs securely in place
- Withstands up to 5,000 lbs. (22 kN) of vertical pull
- Available with reflective tape
- Available in 7' (2 m)



| Order No. | Mfg. No. | Description |
|---------------|----------|--|
| SAK436 | 51/7FT | 7' (2 m) High-Strength Aluminum Tripod |

Note: Available in 9' (2.7 m) upon request.

TITAN® READYROOFER® FALL PROTECTION SYSTEM

LIGHTWEIGHT, FULL-BODY HARNESS (SN064)

- Fully adjustable, polyester webbing harness with mating buckles throughout for all-day comfort and dependability

COMPACT TRAILING ROPE GRAB (SAK318)

- Lightweight, easy-to-use design with hands-free operation offers maximum freedom of movement
- Durable, corrosion-resistant, stainless steel construction
- Attaches anywhere on the lifeline



HIGH-STRENGTH ROPE LIFELINE (25', SC998 AND 50', SC999)

- 5/8" (16 mm) diameter polyester/polypropylene construction with loop and locking snap hook
- 9,300-lb tensile strength, treated to combat ultraviolet rays

VERSATILE, REUSABLE ROOF ANCHOR WITH ATTACHMENT D-RING

- Easily installs on steep-pitched or flat surface roofs with 8 screws included
- Once roofing is complete, remove the reusable roof anchor and store for the next job

SHOCK-ABSORBING LANYARD (SN069)

- 3' (.9 m) polyester web lanyard with integral shock absorber and two locking snap hooks

WATER-PROOF CONTAINER

- Ideal for equipment storage



| Order No. | Mfg. No. | Description |
|---------------|----------|---|
| SAK303 | BRFK-25 | ReadyRooper® Fall Protection System w/25' (7.6 m) Rope Lifeline |
| SAK304 | BRFK-50 | ReadyRooper® Fall Protection System w/50' (15 m) Rope Lifeline |



Fall Protection

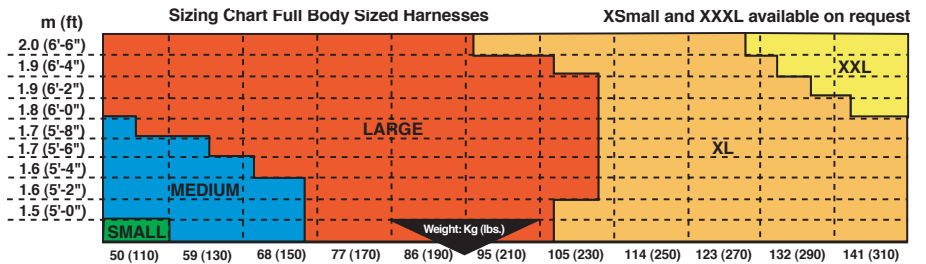
FULL BODY HARNESSSES

North Safety Products offer a wide variety of harnesses, which will suit your specific applications and work environment. The North lightweight harnesses are designed for a multiplicity of uses while the simpler ones are for specific uses. All basic North full body harnesses are made in a simple double figure 8 design with minimum hardware and proper subpelvic support. These harnesses are sized to provide optimum fit to the user's body. Easy adjustment through the leg straps and chest strap allow for proper positioning of the subpelvic straps for maximum comfort. A properly sized harness will provide enough adjustment range to accommodate seasonal changes in clothing. All North harnesses comply with CSA Z259.10, ANSI Z359.1 and CE standards.

FITTING

A harness must be properly sized and fitted to minimize the risk of injuries as a result of falling into the harness. The size and adjustment must be such that the subpelvic straps will transfer most of the force to the buttocks. Properly adjusted thigh straps will allow unhindered leg movements and not too loose to cause friction burns on the thighs during a fall. The chest strap and the dorsal "D" should be adjusted to one hand length below the top of the collar bone (Mid chest) or below the top vertebrae (between Shoulder blades). This will eliminate the possibility of falling out of the harness in the event of a head first fall.

| CLASSIFICATION LEGEND | D-RING LEGEND |
|-----------------------|-----------------------------|
| A- Fall Arrest | F- Front |
| P- Work Positioning | B- Sliding Back |
| D- Descent | S- Side or hip |
| L- Ladder Climbing | E- Shoulder |
| C- Confined Space | L- Sternal loops or D-Rings |
| | X- D-Ring extender |



- 1. Fall Arrest Attachment Point:** D-ring (large or small) or loop between shoulder blades for fall arrest.
- 2. D-Ring Extender:** 18" D-ring or loop extension attached to the back D-ring of the harness. Makes access to D-ring for lanyard attachment easier allowing user to check for 100% snap hook gate closure.
- 3. Shoulder D-rings:** Small D-rings at the top of the shoulder. Used with a spreader bar or yoke (Y) lanyard for retrieval and rescue in confined space situations.
- 4. Chest Strap:** Webbing which connects the two shoulder straps together. Connected with a pass-through buckle to keep user in the harness.
- 5. Leg Connectors:** Available in both pass-through or grommeted versions. Allows the user choice in leg closure suited to the application or worker preference.
- 6. Comfort Pad:** Soft and firm lumbar support providing support to lower back in work positioning applications.

- 7. Body Belt:** Integrated body belt. Excellent support for work positioning and for tool storage.
- 8. Sub-Pelvic Strap:** Webbing strap located just below the buttocks provides comfort in positioning applications and help distributes forces in event of a fall.
- 9. Side D-rings:** D-rings located at the hip or just above the hip. Side D-rings are used for work positioning or restraint applications.
- 10. Front D-ring:** D-ring or loop usually on a cross-chest harness. Versatile position can be used for descent, ladder climbing and rescue application.
- 11. Up Arrow Indicator:** Arrows indicating the fall arrest attachment point of the harness. Up arrows indicate the proper orientation of the harness.
- 12. Sternal Loops:** Reinforced web loops for use in rescue and descent applications.



THE DONNING OF A NEW ERA IN HARNESSSES

The **RITE-ON™** harnesses are designed with two things in mind: **Simplicity and Comfort**. It's constructed to shape around the user with ease. The harnesses are engineered with a comfort pad to make the **donning** of a harness a **breeze**. The comfort pad also eliminates the tangling of the straps which are common with traditional harnesses. The bayonet style connectors allow users to connect their chest and legs straps in a single action. The **RITE-ON™** harnesses are designed to have workers wear them all day without the need to remove them. This increases **Safety and Productivity** in the work place.

Front D-ring
For ladder climbing

Black Pro Mesh Padding
Keeps the user dry and cool

Bayonet Style Connectors
Allows the user to connect in a single action, double action release for added safety

Back D-ring
For fall arrest (also available with extender)

Adjustable Shoulder Straps
For universal fit (one size fits most)

Back D-ring
For fall arrest (also available with extender)

RITE-ON™
BY **NORTH**

FEATURES AND BENEFITS

- RITE-ON™ is the most comfortable harness on the market
- **Comfort:** The integrated back and shoulder pad conforms to the user's shape to provide all-day comfort. Even in hot conditions, the pad is breathable, so that the user remains comfortable
- **The harness with memory:** adjust it once and the RITE-ON™ harness will fit without any further adjustment required
- **Tangle free:** the back pad is designed to eliminate the need to untangle the straps on the harness thus improving user compliance
- Breathable tear resistant back pad provides excellent support along the back, over the shoulders and the upper and lower parts of the chest
- **Ergonomically designed:** the new European styling which combines the harness straps with the comfort pad
- **Bayonet style connectors:** allow the user to connect in a single action, no fumbling or adjustments needed
- **Light weight polyester webbing:** superior chemical resistance and a lighter weight harness
- **CSA approved**
- **Meets and/or exceeds ANSI and OSHA requirements**

| Order No. | Mfg. No. | Description | Classification |
|-----------|-------------|---|----------------|
| SAK490 | FP81F/1DBA | RITE-ON™ Universal harness - (1) large back D-ring | A |
| SAO631 | FP81F/1EDBA | RITE-ON™ Universal harness - (1) extended back D-ring | A |
| SAO632 | FP81F/3DDA | RITE-ON™ Universal harness - (1) extended back D-ring and (2) large side D-rings | - |
| SAO633 | FP81F/3EDDA | RITE-ON™ Universal harness - (1) extended back D-ring and (2) large side D-rings | - |
| SAO634 | FP81F/4DLA | RITE-ON™ Universal harness - (1) large back D-ring (2) large side D-rings and (1) sternal D-ring | - |
| SAO635 | FP81F/4EDLA | RITE-ON™ Universal harness - (1) extended back D-ring (2) large side D-rings and (1) sternal D-ring | - |



Fall Protection

BASIC H-STYLE SIZED HARNESS



- Lightweight subpelvic double-8 configuration allows for unrestricted upper body movements
- Subpelvic strap allows for most of the falling energy to be absorbed by the buttocks
- Flat bar, pass-through quick connect buckles allows continuous adjustment for best fit and maximum comfort
- "Extended D" provides an alternative attachment point on a 18" extension which makes it easier to attach connecting links to the harness
- Beltless design eliminates need for waist belt which may cause high abdominal discomfort during suspended "wait for rescue" period



The basic lightweight harness comes with a single dorsal "D" or extended "D" ring option, made of nylon webbing with a quick connect. CSA Group A.

| Order No. | Mfg. No. | Description | Size |
|---------------|-------------|--------------------------------------|---------|
| SAJ266 | FP700/1DS | Basic harness with single dorsal D | Small |
| SN088 | FP700/1DM | Basic harness with single dorsal D | Medium |
| SN089 | FP700/1DL | Basic harness with single dorsal D | Large |
| SN090 | FP700/1DXL | Basic harness with single dorsal D | X-Large |
| SAJ268 | FP700/1EDS | Basic harness with extended dorsal D | Small |
| SN091 | FP700/1EDM | Basic harness with extended dorsal D | Medium |
| SN092 | FP700/1EDL | Basic harness with extended dorsal D | Large |
| SN093 | FP700/1EDXL | Basic harness with extended dorsal D | X-Large |

WORK POSITIONING, COMBINATION HARNESS

This harness is designed to position the user for work. Features attachment points at the hip level, nylon webbing, quick connect and dorsal D ring. CSA Group APE.

| Order No. | Mfg. No. | Description | Size |
|---------------|------------|---|---------|
| SAO540 | FP705/5DM | Basic work positioning harness with dorsal D, sternal loops and 2 lateral flat D's on a 50 mm (2") belt | Medium |
| SAO541 | FP705/5DL | Basic work positioning harness with dorsal D, sternal loops and 2 lateral flat D's on a 50 mm (2") belt | Large |
| SAO542 | FP705/5DXL | Basic work positioning harness with dorsal D, sternal loops and 2 lateral flat D's on a 50 mm (2") belt | X-Large |



UNIVERSAL HARNESSES

Proven comfort and mobility comes from years of experience in building lightweight full body harnesses. North builds quality and comfort into its harnesses and the vest-style is no different. Adjustable shoulder straps and a chest strap that can be positioned in the optimum location for the user, eliminate the need for stretchable webbing. Proven polyester webbing provides added UV protection and chemical resistance. North offers many D-ring, leg strap and closure combinations that there is sure to be one that suits every need. All North's harnesses designed for use in North America are made with a sub-pelvic strap to add comfort and help distribute the forces generated in a fall. These harnesses are engineered to meet or exceed applicable ANSI and OSHA requirements and are CSA certified. Universal fit. (X-Large available upon request)

| Order No. | Mfg. No. | Classification | D-Rings | Leg Connection |
|-------------------------|------------|----------------|--------------|----------------------|
| FALL ARREST | | | | |
| SN128 | FP759/1DP | A | B | Pass-through Buckles |
| SN129 | FP759/1DGP | A | B | Grommeted |
| WORK POSITIONING | | | | |
| SAK493 | FP769/3DGP | A, P | B, S, Belted | Grommeted |



SN128



SAK493



HEAVY-DUTY FULL BODY HARNESS AND LANYARD COMBINATION

The North heavy-duty full body harness is a specially designed fall protection kit that is rated for 440 lbs. (220 kg). The full body harness and lanyard combination comes complete with an integrated fully adjustable shock-absorbing lanyard (adjusts from 2' to 6') and 2 work positioning D-rings. Universal fit.



| Order No. | Mfg. No. | Size |
|---------------|---------------|-----------------------|
| SAK508 | FP80H/3DDQ8A9 | Universal, Heavy-Duty |
| SAO636 | FP80K/3DYQ320 | Rite-On™, Heavy-Duty |





NORTH DECELERATOR® & SOFT PAK SHOCK-ABSORBING LANYARDS

The North Decelerator® and Soft Pak are designed to cushion the fall of a worker by absorbing the shock load generated by the sudden stop following a fall.

A CSA certified shock absorber assures a maximum arrest force of less than 900 lbs (4Kn) when used according to the manufacturer's instructions.

The movement of the internal extending material will elongate and the lanyards overall length will increase with the force of a fall (maximum allowable deployment distance is 1.1m (42"). All North shock absorber meet or exceed CSA Z259.11, ANSI and CE standards.

Soft Pak's are constructed with a special tear - stitch webbing which cushions the fall effects. A clear vinyl cover protects the internal webbing while allowing the user to make a visual inspection of the shock absorber. (A shock load will have visibly torn the tear - stitch webbing of which is now sticking out of the clear cover).

Decelerator's are a tubular web lanyard with an inner core made of extending material, which absorbs the energy generated at the end of a fall. A folded impact indicator sewn onto the tubular webbing will be released once the sewn stitching breaks during the fall.

A visible impact indicator allows the user to quickly inspect their lanyard prior to each use.



SN107



SN109



SN110



SN112



SAK515



NORTH



SN113

| Order No. | Mfg. No. | Size' | Description |
|-----------|------------|-------|---|
| SN107 | FP28822/4 | 4 | Decelerator, one small double locking snap at each end, 4' in length |
| SN108 | FP28822/6 | 6 | Decelerator, one small double locking snap at each end, 6' in length |
| SN109 | FP28829/4 | 4 | Decelerator, one small snap and one ladder snap (1 3/4" opening), 4' in length |
| SN110 | FP28829/6 | 6 | Decelerator, one small snap and one ladder snap (1 3/4" opening), 6' in length |
| SN111 | FP289299/4 | 4 | Y-Lanyard Decelerator with one small snap attached to the harness and two larger Ladder snaps This option offers 100% tie off capability |
| SN112 | FP289299/6 | 6 | Y-Lanyard Decelerator with one small snap attached to the harness and two larger Ladder snaps This option offers 100% tie off capability |
| SN113 | FP26322/6 | 6 | Soft Pak shock absorber made of 1 3/4" webbing available in a 6 foot length Comes with two double locking snap hooks |
| SAK515 | FP256HGG/6 | 6 | Y-Lanyard energy absorbing polyester 1" web with double locking ergonomic stamped snap and two stamped scaffold hooks. 6' in length |



Fall Protection

DURABUILT SERIES FROM NORTH

FEATURES:

- Priced right to satisfy your needs
- User friendly
- Polyester webbing for greater resistance to chemicals
- Universal style with our one size fits most
- Everything you need in one bag (kits only)

SAFETY AND QUALITY

- Meets or exceeds all standards CSA, ANSI and OSHA
- North doesn't just make it, they make sure it works: North tests all products to all applicable standards to ensure your safety
- ISO 9001 manufacturing facility

COST EFFECTIVENESS

- Basic universal harness for everyday use
- Requires less sizes to carry
- No bells and whistles
- Lightweight
- Everything you will need in one kit (bag included)
- No sacrificing of quality for a better price



| Order No. | Mfg. No. | Description | Size | D-Rings |
|-----------|--------------|---|-----------|-------------------------------------|
| SAH533 | FPD6981DP | Full Body Harness Lightweight Polyester | Universal | Large Back D-Ring |
| SAH535 | FPD6981DPXL | Full Body Harness Lightweight Polyester | XL | Large Back D-Ring |
| SAH534 | FPD6981DGP | Full Body Harness Lightweight Polyester W/Grommetted Legs | Universal | Large Back D-Ring |
| SAH536 | FPD6981DGPXL | Full Body Harness Lightweight Polyester W/Grommetted Legs | XL | Large Back D-Ring |
| SAH762 | FPD6983DGP | Full Body Harness Lightweight Polyester W/Grommetted Legs | Universal | Large Back/ 2 Large Side D-Rings |
| SAH764 | FPD6983DGPXL | Full Body Harness Lightweight Polyester W/Grommetted Legs | XL | Large Back/ 2 Large Side D-Rings |

ALL LANYARDS FEATURE DOUBLE LOCKING SNAP HARNESS CONNECTORS



LANYARDS

| Order No. | Mfg No. | Anchor Connectors | Length' |
|---|------------|----------------------------------|---------|
| CONTINUOUS POLYESTER WEB (1 3/4") ENERGY ABSORBING LANYARD | | | |
| SAK520 | FPD26311/4 | Double Locking, Snap Hook | 4 |
| SAK521 | FPD26311/6 | Double Locking, Snap Hook | 6 |
| POLYESTER DECELERATOR ENERGY ABSORBING LANYARD | | | |
| SAH537 | FPD29811/4 | Double Locking, Snap Hook | 4 |
| SAH750 | FPD29811/6 | Double Locking, Snap Hook | 6 |
| SAH538 | FPD29819/4 | Double Locking, Rebar Hook | 4 |
| SAH761 | FPD29819/6 | Double Locking, Rebar Hook | 6 |
| SAK524 | FPD2981G/4 | 2 1/2" Stamped, Scaffolding Hook | 4 |
| SAK525 | FPD2981G/6 | 2 1/2" Stamped, Scaffolding Hook | 6 |

Y-LANYARDS

| Order No. | Mfg No. | Anchor Connectors | Length' |
|---|-------------|----------------------------------|---------|
| POLYESTER DECELERATOR ENERGY ABSORBING Y-LANYARD | | | |
| SAK526 | FPD299111/4 | Double Locking, Snap Hook | 4 |
| SAK527 | FPD299111/6 | Double Locking, Snap Hook | 6 |
| SAK528 | FPD2991GG/4 | 2 1/2" Stamped, Scaffolding Hook | 4 |
| SAK529 | FPD2991GG/6 | 2 1/2" Stamped, Scaffolding Hook | 6 |





AERIAL KITS

- Polyester full body harness, **SAH533** or **SAH535**
- Permanently attached Polyester Decelerator energy absorbing lanyard with double locking snap hook (4' or 6'), **SAH537** or **SAH750**
- Durabilt carrying bag (**SAH539**)



| Order No. | Mfg No. | Description |
|---------------|-------------|--|
| SAH777 | FPDKIT1/4 | Aerial Kit w/4' Lanyard |
| SAH778 | FPDKIT1XL/4 | Aerial Kit w/4' Lanyard and XL Harness |
| SAH779 | FPDKIT1/6 | Aerial Kit w/6' Lanyard |
| SAH780 | FPDKIT1XL/6 | Aerial Kit w/6' Lanyard and XL Harness |



CONSTRUCTION KITS

- Polyester full body harness, **SAH534** or **SAH536**
- Polyester Decelerator energy absorbing lanyard with double locking snap hook (4' or 6'), **SAH537** or **SAH750**
- TNT Spectra® sling (4' or 6'), **SAJ445** or **SAJ446**
- Durabilt carrying bag (**SAH539**)



| Order No. | Mfg No. | Description |
|---------------|-------------|--|
| SAH794 | FPDKIT2/4 | Construction Kit w/4' Lanyard |
| SAH795 | FPDKIT2XL/4 | Construction Kit w/4' Lanyard and XL Harness |
| SAH797 | FPDKIT2/6 | Construction Kit w/6' Lanyard |
| SAH799 | FPDKIT2XL/6 | Construction Kit w/6' Lanyard and XL Harness |

SCAFFOLDING/FORMING KITS

- Polyester full body harness, **SAH534** or **SAH536**
- Polyester Decelerator energy absorbing lanyard with double locking snap hook and 2 1/2" stamped scaffolding hook (4' or 6'), **SAK524** or **SAK525**
- Durabilt carrying bag (**SAH539**)

| Order No. | Mfg No. | Description |
|---------------|-------------|---|
| SAJ339 | FPDKIT3/4 | Scaffolding/Forming Kit w/4' Lanyard |
| SAJ340 | FPDKIT3XL/4 | Scaffolding/Forming Kit w/4' Lanyard and XL Harness |
| SAJ341 | FPDKIT3/6 | Scaffolding/Forming Kit w/6' Lanyard |
| SAJ342 | FPDKIT3XL/6 | Scaffolding/Forming Kit w/6' Lanyard and XL Harness |



ROOFER'S KITS

- Lightweight universal harness (X-Large available upon request)
- Soft pack energy absorbing lanyard and rope grab, permanently attached
- Three-strand copolymer rope of 5/8" (16 mm) and 25' (8 m) or 50' (16 m), **SN118**
- One roof bracket
- One carabiner connector
- 4" (100 mm) Ardox spiral nails
- Durabilt convenient bucket



| Order No. | Mfg No. | Description |
|---------------|----------|-----------------------------------|
| SAJ347 | FPD90/25 | Roofer's Kit w/25' (8 m) of Rope |
| SAJ348 | FPD90/50 | Roofer's Kit w/50' (16 m) of Rope |



Fall Protection

COMBOS

Universal Size SAH533 or X-Large Full Body Harness SAH535. Harness with permanently attached 4' or 6" Decelerator energy absorbing lanyard with double locking snap hook.

| Order No. | Mfg. No. | Anchor Connector | Length' |
|-----------|---------------|--------------------------|---------|
| SAH769 | FPDCOMBO1/4 | Double Locking Snap Hook | 4 |
| SAH770 | FPDCOMBO1XL/4 | Double Locking Snap Hook | 4 |
| SAH771 | FPDCOMBO1/6 | Double Locking Snap Hook | 6 |
| SAH772 | FPDCOMBO1XL/6 | Double Locking Snap Hook | 6 |



SAH769

Universal Size SAH533 or X-Large Full Body Harness SAH535. Harness with permanently attached 4' or 6" Decelerator energy absorbing lanyard with double locking rebar hook.

| Order No. | Mfg. No. | Anchor Connector | Length' |
|-----------|---------------|---------------------------|---------|
| SAH540 | FPDCOMBO2/4 | Double Locking Rebar Hook | 4 |
| SAH541 | FPDCOMBO2XL/4 | Double Locking Rebar Hook | 4 |
| SAH542 | FPDCOMBO2/6 | Double Locking Rebar Hook | 6 |
| SAH543 | FPDCOMBO2XL/6 | Double Locking Rebar Hook | 6 |



SAH540

ACCESSORIES



REBAR ASSEMBLY

- Two ergonomic double locking snap hooks
- One 2 1/2" opening scaffold hook

Order No. **SAK517**

Mfg. No. FP9781/1L18



SAK517

AUTOLOCKING CARABINER

- Made of steel • Drop forged, D-shaped
- 3/4" (19 mm) opening
- Rated for 5,000 lbs. (22 kN)
- ANSI, CSA, CE approved

Order No. **SAN519**

Mfg. No. FP86



SAN519

CARABINER CONNECTOR

- Made of steel
- 1/4 auto-lock turn twist lock
- 1" (25 mm) opening
- Rated for 5,000 lbs. (22 kN)
- ANSI, CSA, CE approved

Order No. **SAK516**

Mfg. No. FPD773



SAK516

TNT SPECTRA® SLING

- 4' long: Order No. SAJ445;
- 6' long: Order No. SAJ446
- 1" (25 mm) web loop
- Rated for 5,000 lbs. (22kN)

Order No. **SAJ445** (4')

Mfg. No. FP242/4

Order No. **SAJ446** (6')

Mfg. No. FP242/6

SAJ446



CARRYING BAG

- Convenient carrying bag with Durabilt logo

Order No. **SAH539**

Mfg. No. FPD1011



SAH539



SELF-RETRACTING LIFELINES

North's self-retracting lifelines (SRL's) are better than ever. Design advances in the return spring and brake components ensure longevity and the ultimate in performance. Robust design, a variety of lifeline lengths and corrosion resistant alloy housing means your SRL investment will go a long way. Units can be equipped with stainless steel cable, synthetic rope or nylon webbing. All are equipped with a load indicator that triggers to show the unit has been subjected to a severe force. SRL's can be applied almost universally to fall protection requirements.

SAO559



SELF-RETRACTING LIFELINES PROVIDE A FALL ARREST CAPABILITY WITH ADDED FEATURES THAT LANYARDS AND VERTICAL LIFELINES CANNOT.

- Lifeline retracts under light tension to keep the lifeline out of the way
- Hands free vertical mobility
- Minimizes fall distance
- Increased user mobility in work area
- Excellent for ladder climbing
- Multiple uses – universal applications
- Stainless Steel Cable 5 mm (3/16")

NORTH

SAO556



| Order No. | Mfg. No. | Housing | Length' |
|-----------|----------|---------|-------------------|
| SAO556 | FP2/315S | Regular | 50 w/Swivel Snap |
| SAO559 | FP3/333S | Large | 100 w/Swivel Snap |

3-WAY SELF-RETRACTING LIFELINES

The same robust durability and strength in North SRL's is built into the 3-way SRL product line. There's the added feature of an integrated retrieval winch that can raise or lower a person in an emergency situation. With a simple flick of the wrist, this 3-way SRL can be switched from fall arrest mode to retrieval mode to speed rescue of an injured worker.

SAK514



NORTH

| Order No. | Mfg. No. | Housing | Description | Length' |
|-----------|-----------|---------|------------------------------------|---------|
| SAK514 | FP2/415SR | Regular | Stainless Steel Cable 5 mm (3/16") | 50 |
| SAK557 | FP3/433SR | Large | Stainless Steel Cable 5 mm (3/16") | 108 |

PERSONAL WINCHES

Personal winches can handle a variety of tasks including material handling, confined space entry/egress and rescue work. Swivel snap equipped.

NORTH



| Order No. | Mfg. No. | Lifeline Type | Length' | Weight lbs. |
|-----------|-----------|------------------------------------|---------|-------------|
| SAK558 | FP2/715SR | Stainless Steel Cable 5 mm (3/16") | 50 | 21 |

DURALITE II SELF-RETRACTING LIFELINES

At 20' in length, it provides a lightweight alternative to SRL's equipped with a heavy metallic housings or internal mechanisms. Made with a tough polymer housing, 3/4" (20 mm) webbing and a variety of connectors. The DuraLite series can handle a vast variety of applications.

NORTH

| Order No. | Mfg. No. | Description | Length' |
|-----------|----------|---|---------|
| SAJ444 | FP1/306W | Plastic Housing, Nylon Web 3/4" (20 mm), Double Locking Swivel Snap | 20' |



MOUNTING BRACKETS FOR RETRIEVAL SYSTEMS

SAH548



NORTH

| Order No. | Mfg. No. | Description |
|-----------|-----------|--|
| SAH548 | FP6610/15 | Mounting bBracket For Regular Housings |
| SAK559 | FP6610/33 | Mounting Bracket For Large Housings |

RETRACTABLE WEB LANYARDS

- 8' (2.4 m) long w/locking swivel snap hook
- Retractable web lanyards are the lightest SRL's available
- Engineered to provide maximum protection in places where lanyards might get in the way
- Equipped with 2" (50 mm) webbing, a tough vinyl cover and mounting karabiner



NORTH

APPLICATIONS:

- General fall protection
- Stock pickers in warehouses
- Aerial lift applications (i.e. scissor-lifts)
- Also available in other configurations to suit a variety of applications upon request

Order No. SN122 Mfg. No. FP0304

DURALITE III SELF-RETRACTING LIFELINE

- The DuraLite III is a small and light (1.72 kg) SRL
- The unit is completely serviceable
- Dyneema cut resistant webbing has a working length of 3.5 m
- Compact shock absorber is integrated in the webbing
- Includes a swivel and an entry roller



| Order No. | Mfg. No. | Description | Length |
|-----------|----------|--|-----------|
| SAO680 | FP1/303W | Self-Retracting Lanyard Composite Housing, Polyester Webbing, 3/4" Double Locking Swivel Snap Hook | 3 m (10') |

NORTH



Fall Protection

ANCHORAGE CONNECTORS & DAVITS

The BantamLift™ system is an ideal anchorage connector for areas where temporary anchorages are required. They assemble and disassemble with the ability to transport from site to site quickly. The BantamLift™ is built tough to provide a safe secure anchorage for confined space entry, exit, rescue and/or suspension work.

Installation of your BantamLift™ base requires approval from a professional engineer. Follow the instruction manual to install the BantamLift™ davit system. For custom applications please contact one of our sales representatives to receive competitive pricing and customized layout.

Applications

- Confined space retrieval
- Food processing
- Municipality works departments
- Chemical manufacturing
- Automotive plants
- Construction
- Water treatment plants



Features/Benefits

- Components are made of strong aluminum alloy (except for the bases)
- Comply with current OSHA requirements for confined space entry and egress
- Rated for working loads up to 450 lbs (204.5 kg)
- Provide a proof-tested 5,000 lbs (2273 kg) anchor (in most configurations) or at least a 2:1 safety factor when used with approved fall arrest devices
- Booms reach up to 24" (61 cm)
- Various masts to meet your requirements

| Order No. | Mfg. No. | Description |
|-----------|-----------|--------------------------------------|
| SAK562 | FP6660/00 | Davit fixed base |
| SAK563 | FP6663/00 | Portable davit base for davit system |
| SAK564 | FP6670/24 | Davit mast 12" to 24" |
| SAK565 | FP6680/24 | Davit boom 12" to 24" |



SAK564

SAK562

Sold Separately

COMPLETE CONFINED SPACE ENTRY & RESCUE SYSTEMS

A work winch system is used to raise and lower a worker into an area and must be combined with a CSA certified fall arrest system (preferred combination when no ladder access is available). A retrieval system can be integrated into a CSA certified retractable lifeline. The North 3-way system is a combination of a fall arrest retractable lifeline and a built-in lower and raise capability. The lifeline component meets applicable CSA Z259.2.2 Type III/ANSI/CE standards.

EACH SYSTEM INCLUDES:

- Tripod
- Steel chain to interconnect legs
- Storage bag for tripod (nylon)
- 50' stainless steel cable, 3-way system winch
- Sealed aluminum alloy housing, stainless steel gears
- Two independent braking systems
- Double ratchet to hold load without the "free wheel"
- Sealed
- Separate cable and bracking system chambers
- Quick lever activated winch
- Swivel load indicator at the cable end
- 150 kg (330 lbs.) maximum working load
- 1 Support bracket secured with hinged positive locking pins



| Order No. | Mfg. No. | Length' | Description |
|-----------|------------|---------|---|
| SN130 | FP66/415SR | 50 | Retrieval lifeline system kit includes: 3-way self-retracting lifeline (SAO557) with 15m (50') cable (stainless steel), tripod (SAO681) storage bag (SAO682) and bracket (SAH548) |

NOTE: A work winch must be combined with a fall arrest system in compliance with CSA if used to lower or raise personnel for the purpose of work positioning.



ANCHORAGE CONNECTORS

Anchor hooks are designed to fit around or over large anchorage structural members. All anchorage connectors have a minimum breaking strength of 5000 lbs. Unless otherwise stated. Some anchorage connectors have a lifting pole adaptor so that they can be installed without having to climb to the anchorage.



ANCHOR HOOKS

| Order No. | Mfg. No. | Description |
|-----------|----------|--|
| SN132 | FP93M | Aluminum shepherd anchor hook with universal adaptor for lifting poles 95 mm (3 3/4") |
| SN133 | FP95M | Aluminum shepherd anchor hook with universal adaptor for lifting poles 190 mm (7 1/2") |
| SN134 | FP99 | Manuclave bent wire anchor hook with hand grip 150 mm (6") |

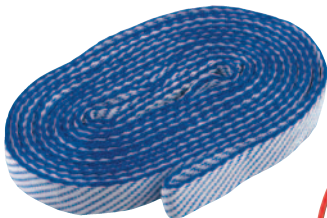
ANCHORAGE ACCESSORIES

Telescopic pole, fiberglass insulated with universal head. Other types available upon request.

| Order No. | Mfg. No. | Length' |
|-----------|-----------|---------|
| SAO630 | FP08FT/20 | 20 |



SPECIALTY ANCHORAGE CONNECTORS



SAJ446



SN137



SN139



SAK491



SAK492



A variety of wrap around anchorage connectors and other connectors for beams will suit most applications. All anchorage connectors have a minimum breaking strength of 22 kN (5000 lbs.) unless otherwise stated.

| Order No. | Mfg. No. | Description |
|-----------|----------|---|
| SN136 | FP03/6 | 50 mm (2") pass-through anchor sling with padding, one small D ring, One large D Ring. For use around sharp edges. 6' long. |
| SN137 | FP02/3 | Coated steel sling 1 m (3') long. |
| SN138 | FP02/6 | Coated steel sling 1.8 m (6') long. |
| SN139 | FP05 | Beam trolley adjustable for 75 mm (2 1/3") - 150 mm (4 2/3") flange |
| SAK491 | FP03/4 | Anchor sling, pass-through 50 mm (2") nylon webbing, D-ring around, 1 m (3') long |
| SAK492 | FP3730 | Anti rollout anchorage "D", tensile strength 22 kN (5,000 lbs) |
| SAK501 | FP242/2 | TNT Spectra® sling, 0.6 m (2'), 25 mm (1") web loop |
| SAK502 | FP242/3 | TNT Spectra® sling, 0.9 m (3'), 25 mm (1") web loop |
| SAJ445 | FP242/4 | TNT Spectra® sling, 1.2 m (4'), 25 mm (1") web loop |
| SAO629 | FP242/5 | TNT Spectra® sling, 1.7 m (5'), 25 mm (1") web loop |
| SAJ446 | FP242/6 | TNT Spectra® sling, 1.8 m (6'), 25 mm (1") web loop |



ROPE GRABS AND VERTICAL LIFELINES

Rope grab and lifeline combinations still provide some of the most cost-effective solutions for fall protection needs. North offers you the widest assortment of rope implements in the market ranging from automatic rope grabs to rope adjusters. All are constructed from quality, corrosion-resistant materials for long service life. Match the device with the lifeline product that most suits your needs. All automatic rope grabs are engineered to meet or exceed applicable ANSI, OSHA and CSA requirements.



SN118



SN115



SAG159



SN117



| Order No. | Mfg. No. | Description | | |
|---|--------------|--|---------------------|-----------------------|
| AUTOMATIC ROPE GRABS WITH PANIC LOCK | | | | |
| SN114 | FP541 | Automatic rope grab with panic lock | | |
| SAG159 | FP542 | Automatic rope grab with panic lock and 2' lanyard energy absorber with hook | | |
| MANUAL ROPE GRAB ADJUSTER | | | | |
| SN115 | FP552 | Manual rope grab with 2' lanyard energy absorber with hook | | |
| AUTOMATIC ROPE GRAB WITH PARKING FEATURE | | | | |
| SN117 | FP564 | Automatic rope grab easy-open with parking feature and 2' energy absorber | | |
| VERTICAL LIFELINE ROPE FOR USE WITH ROPE GRABS | | | | |
| Order No. | Mfg. No. | Description | Composition Tensile | Strength |
| SN118 | FP16E/SP50 | 5/8" (16 mm) 3-strand, 50' | Polyolefin fiber | 8,100 lbs. (3680 kg) |
| SN119 | FP16E/SP100 | 5/8" (16 mm) 3-strand, 100' | Polyolefin fiber | 8,100 lbs. (3680 kg) |
| SAH544 | FP16ST/KL50 | 5/8" (16 mm) Kernmantel, 50' | Nylon | 12,570 lbs. (5700 kg) |
| SAH545 | FP16ST/KL100 | 5/8" (16 mm) Kernmantel, 100' | Nylon | 12,570 lbs. (5700 kg) |

SEE PAGES 146-148

FOR NORTH

HEAD PROTECTION





FP PRO™ HARNESSES

- Available in cross-chest and vest styles, with optional hip D-rings for work positioning
- Colour-contrasting thigh and torso straps simplify donning
- Bright red polyester webbing for high visibility
- Lightweight design for increased comfort
- Meets ANSI A10.14 and ANSI Z359.1, applicable OSHA standards, CSA certified



SAM081



SAM087

| Order No. | Mfg. No. | Description | D-Rings | |
|-----------|----------|---|---------|-----|
| | | | Back | Hip |
| SAM081 | 416014 | Cross-Chest Style, Qwik-Fit™ Leg Straps | Yes | No |
| SAM082 | 416017 | Cross-Chest Style, Qwik-Fit™ Leg Straps | Yes | Yes |
| SAM083 | 416020 | Vest Style, Qwik-Fit™ Leg Straps | Yes | No |
| SAM084 | 416023 | Vest Style, Qwik-Fit™ Leg Straps | Yes | Yes |
| SAM085 | 10033907 | Cross-Chest Style, Tongue Buckle Leg Straps | Yes | No |
| SAM086 | 10034200 | Cross-Chest Style, Tongue Buckle Leg Straps | Yes | Yes |
| SAM087 | 10034203 | Vest Style, Tongue Buckle Leg Straps | Yes | No |
| SAM088 | 10034206 | Vest Style, Tongue Buckle Leg Straps | Yes | Yes |

FP TRADES™ THERMATEK™ HARNESS

- High visibility green webbing
- Kevlar® (60%)/Nomex® (40%) blend webbing that is resistant to chemicals, weld spatter, and other high heat applications
- Bright, contrasting colours of webbing and stitching allow for easier inspection
- Qwik-Fit™ leg straps for easy connection
- Meets ANSI A10.14 and OSHA standards
- CSA certified
- Size: Standard



| Order No. | Mfg. No. | Description | D-Rings | |
|-----------|----------|----------------------|---------|-----|
| | | | Back | Hip |
| SAM089 | 10020068 | Qwik-Fit™ Leg Straps | Yes | |

TECHNACURV™ FULL BODY HARNESSSES

- Curvilinear comfort system
- Secure-Fit™ buckles
- Visco-elastic shoulder padding does not have memory and will not break down over time, offering superior comfort throughout the life of the harness
- Sorbtek™ fabric on shoulder and sub-pelvic pads
- Soft, flexible webbing allows the harness to move with you as you work for increased comfort
- An innovative web pattern design offers a cool, sporty appearance that breaks the mould of the industrial styling of other harnesses
- Secure-Fit™ buckle designed to ease donning, doffing, and adjustment with single-hand operation
- Meets all applicable OSHA regulations, ANSI standards, and is CSA certified
- All harnesses listed below are standard size
- Additional sizes available upon request



TechnaCurv™ Back Pad



Secure-Fit™ Buckle



| Order No. | Mfg. No. | Style | Chest Strap | Leg Straps | Pads | D-Ring(s) |
|-----------|----------|----------|-------------|---------------|----------------------|---------------------|
| SAM096 | 10041517 | Vest | Qwik-Fit™ | Qwik-Fit™ | — | Back |
| SAM097 | 10041518 | Pullover | — | Qwik-Fit™ | — | Back |
| SAM098 | 10041591 | Vest | Qwik-Fit™ | Tongue Buckle | — | Back |
| SAM099 | 10041593 | Pullover | — | Tongue Buckle | — | Back |
| SAM100 | 10041595 | Vest | Qwik-Fit™ | Tongue Buckle | — | Back and Hip |
| SAM101 | 10041597 | Pullover | — | Tongue Buckle | — | Back and Hip |
| SAM102 | 10041599 | Vest | Qwik-Fit™ | Tongue Buckle | Shoulder | Back |
| SAM103 | 10041601 | Pullover | — | Tongue Buckle | Shoulder | Back |
| SAM104 | 10041603 | Vest | Qwik-Fit™ | Tongue Buckle | Shoulder | Back and Hip |
| SAM105 | 10041605 | Pullover | — | Tongue Buckle | Shoulder | Back and Hip |
| SAM106 | 10041607 | Vest | Qwik-Fit™ | Tongue Buckle | — | Back, Chest and Hip |
| SAM107 | 10041609 | Pullover | — | Tongue Buckle | — | Back, Chest and Hip |
| SAM108 | 10041611 | Vest | Qwik-Fit™ | Tongue Buckle | Shoulder | Back, Chest and Hip |
| SAM109 | 10041613 | Pullover | — | Tongue Buckle | Shoulder | Back, Chest and Hip |
| SAM110 | 10041615 | Vest | Qwik-Fit™ | Secure-Fit™ | Shoulder, Sub-Pelvic | Back, Chest and Hip |
| SAM111 | 10041617 | Pullover | — | Secure-Fit™ | Shoulder, Sub-Pelvic | Back, Chest and Hip |



Fall Protection

GRAVITY™ TOWER HARNESSSES

- Designed for the telecommunication and tower industries
- Universal harness made of black nylon webbing with saddle for increased harness comfort
- Padded shoulders and belt with integral tool loops
- Suitable for fall arrest and rescue, controlled descent, positioning and ladder climbing
- Meets ANSI Z359.1 and OSHA standards, and is CSA certified



| Order No. | Mfg. No. | Description | Waist |
|---------------|--------------|---------------------------------|-----------|
| SAM380 | SSH91725C001 | Cross-Chest Design, Medium Belt | 36" - 44" |
| SAM381 | SSH91725D001 | Cross-Chest Design, Large Belt | 40" - 48" |

GRAVITY™ RIGGER/RESCUE HARNESS

- Incorporates a sit harness design which allows the user a much higher degree of comfort while in the sit position
- Suitable for rappelling/control descent, positioning, ladder climbing, rescue and fall arrest
- Meets ANSI Z359.1 and applicable OSHA standards, and is CSA certified



| Order No. | Mfg. No. | Description |
|---------------|-------------|---|
| SAM382 | SSH60930001 | Black Polyester Webbing, Cross-Over Design, Integral Belt |

GRAVITY™ VEST STYLE HARNESSSES

- Design is the traditional choice for confined space rescue and fall arrest
- Back D-ring ensures the user is in an upright position, eliminating the need for shoulder D-rings and a spreader bar for confined space applications
- Available in nylon or polyester
- Qwik-Fit™ leg buckles and chest straps
- Nylon harnesses are constructed with red/blue webbing
- Polyester harnesses are constructed with red/black webbing
- All harnesses listed below are standard size, and all harnesses with belts have a large belt
- Other harness sizes are available upon request
- Meets ANSI Z359.1 and OSHA standards, and is CSA certified



| Order No. | Mfg. No. | D-Rings | | | |
|--------------------------|-------------|---------|-------|-----|----------|
| | | Back | Chest | Hip | Shoulder |
| NYLON WEBBING | | | | | |
| SAM391 | SSH30420060 | Yes | No | No | No |
| SAM392 | SSH30430064 | Yes | No | No | No |
| POLYESTER WEBBING | | | | | |
| SAM393 | SSH30520060 | Yes | Yes | No | No |
| SAM394 | SSH30530064 | Yes | Yes | No | No |

GRAVITY™ CROSS-OVER HARNESSSES

- Multi-purpose full body harness
- Unique cross-over design allows for adjustment of both the back and chest D-rings
- Suitable for controlled descent, positioning, ladder climbing, rescue, and fall arrest
- All harnesses have Qwik-Fit™ chest straps and leg buckles
- Nylon harnesses are constructed with red/blue webbing
- Reflective yellow nylon webbing also available
- All harnesses listed are standard size
- Meets ANSI Z359.1 and OSHA standards, and is CSA certified

| Order No. | Mfg. No. | D-Rings | | | |
|---------------|-------------|---------|-------|-----|----------|
| | | Back | Chest | Hip | Shoulder |
| SAM395 | SSH70920000 | Yes | No | No | No |
| SAM396 | SSH80920000 | Yes | Yes | Yes | No |
| SAM397 | SSH90920000 | Yes | Yes | No | No |

GRAVITY™ CROSS-OVER HARNESS WITH REFLECTIVE YELLOW NYLON WEB

| | | | | | |
|---------------|-------------|-----|-----|-----|----|
| SAM398 | SSH80920006 | Yes | Yes | Yes | No |
|---------------|-------------|-----|-----|-----|----|



SAM398

SAM396



WORKMAN™ HARNESSSES

- Economical, strong and durable
- Abrasion-resistant, high visibility yellow polyester webbing
- Easy to don and adjust
- Meets OSHA regulations, ANSI A10.32 and ANSI Z359.1
- Certified to CSA Z259.10-M90
- Qwik-Fit™ chest strap



SAP167

| Order No. | Mfg. No. | Size | Attachement Points Back | Hip |
|---------------------------------|----------|----------|-------------------------|-----|
| TONGUE BUCKLE LEG STRAPS | | | | |
| SAP206 | 10072486 | X-Small | Yes | No |
| SAP167 | 10072487 | Standard | Yes | No |
| SAP168 | 10072491 | Standard | Yes | Yes |
| SAP207 | 10072488 | X-Large | Yes | No |
| SAP208 | 10072489 | 2X-Large | Yes | No |
| QWIK-FIT™ LEG STRAPS | | | | |
| SAP202 | 10072478 | EX-Small | Yes | No |
| SAP203 | 10072479 | Standard | Yes | No |
| SAP166 | 10072483 | Standard | Yes | No |
| SAP204 | 10072480 | X-Large | Yes | No |
| SAP205 | 10072481 | 2X-Large | Yes | No |

WORKMAN™ LANYARDS

- Energy-absorbing, lightweight with a low-profile body
- Tear-tape design to keep fall arrest forces below 900 lbs.
- Fixed LC locking snaps at both ends
- Choice of adjustable or tie-back configurations
- Meets ANSI Z359.1, ANSI A10.32, applicable OSHA regulations certified to CSA Z259.11-05 E4



SAP196

SAP195



| Order No. | Mfg. No. | Description |
|-----------|----------|--|
| SAP195 | 10072472 | Connection, tie-back configuration, single |
| SAP196 | 10072474 | Adjustable configuration |

See pages
124 to 129 for
MSA respirators





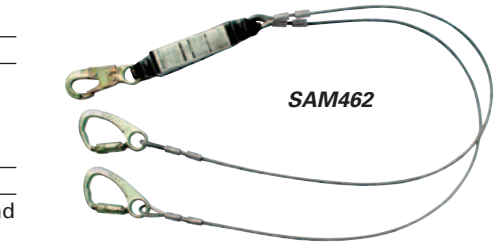
Fall Protection

FP5K™ TIE-BACK SHOCK-ABSORBING LANYARDS

- Uses the FP5K™ carabiner, a new tie-back lanyard connector with a 5000-lb gate strength in any direction and a 1" gate opening, as well as a HL2000 snap hook with a 3/4" gate opening
- Available in web or cable version, 6' length (6' adjustable length on web version)
- Web version utilizes Monster-Edge™ webbing with 12,000-lb minimum breaking strength and increased abrasion resistance
- Utilizes the Sure-Stop™ shock absorber to keep fall arrest forces below 900 lbs.
- Available in both single and twin leg configurations
- Meets OSHA regulations, ANSI A10.14 and ANSI Z359.1, and is CSA certified



SAM459



SAM462

| Order No. | Mfg. No. | Hardware |
|------------------|----------|---|
| NYLON WEB | | |
| SAM459 | 10047084 | Adjustable, HL2000 Snap Hook at One End/FP5K™ Carabiner Other End |
| SAM460* | 10047085 | Adjustable, HL2000 Snap Hook in Center/FP5K™ Carabiner Each Leg |
| CABLE | | |
| SAM461 | 10047086 | Fixed, HL2000 Snap Hook at One End/FP5K™ Carabiner Other End |
| SAM462* | 10047087 | Fixed, HL2000 Snap Hook in Center/FP5K™ Carabiner Each Leg |

* Twin-Leg Design

FP DIAMOND™ SHOCK-ABSORBING LANYARDS

- Keeps fall arrest forces below 900 lbs.
- Available in a single or twin-leg configuration
- Polyester, single-piece construction, fixed length
- Meets ANSI Z359.1 and OSHA standards
- CSA certified



SAM466



SAM463



| Order No. | Mfg. No. | Description | Length' |
|-----------|----------|---|---------|
| SAM463 | 10023932 | HL2000 Snap Hook at Both Ends | 6 |
| SAM464 | 10023970 | Twin-Leg w/SHL2000 Swivel Snap Hook and Two HL2000 Snap Hooks | 6 |
| SAM465 | 10023971 | Twin-Leg w/SHL2000 Swivel Snap Hook and Two HL64 Ladder/Rebar Hooks | 6 |
| SAM466 | 10023936 | HL2000 Snap Hook at Both Ends | 5 |
| SAM467 | 10023937 | Twin-Leg w/SHL2000 Swivel Snap Hook and Two HL2000 Snap Hooks | 5 |

SURE-STOP™ SHOCK-ABSORBING LANYARDS

- Uses a tear tape design to keep fall arrest forces below ANSI, OSHA, and CSA requirements
- Nylon material
- Available in single or twin-leg configurations
- Meets ANSI Z359.1 and applicable OSHA and CSA regulations



SAM469



SAM470



| Order No. | Mfg. No. | Description | Length' |
|--|---------------|--|---------|
| SURE-STOP™ LANYARDS WITH 1 3/4" STRAP | | | |
| SAM468 | SWL2068704LS | Fixed LS Locking Snaps at Both Ends | 4 |
| SAM469 | SWL2068804LS | Adjustable LS Locking Snaps at Both Ends | 4 |
| SAM470 | SWL2078106LS | Fixed LS Locking Snap and HL64 Ladder/Rebar Hook | 6 |
| SURE-STOP™ SHOCK-ABSORBING LANYARDS WITH 1" STRAP | | | |
| SAM471 | SWL4068704LS | Fixed LS Locking Snaps at Both Ends | 4 |
| SAM472* | SWLP0635A | Fixed Sewn Loop and Two LS Locking Snaps | 6 |
| SAM473* | SWL40400206LS | Fixed LS Locking Snap and Two LS Locking Snaps | 6 |

*Twin-Leg Design



ANCHORAGE CONNECTORS

- Have a minimum breaking strength of 5,000 lbs.
- Compatible for use with MSA fall arrest and confined space entry/retrieval components
- Meets ANSI Z359.1, ANSI A10.14, and OSHA standards



FP STRYDER ANCHORAGE CONNECTOR

- Easy, single hand installation
- Low friction wear pads with Teflon® eliminates metal-to-metal contact and allows the FP Stryder Anchorage Connector to glide effortlessly along the beam flange
- Integral load indicator alerts the user if the unit has been exposed to a fall
- Versatile design allows for mounting overhead or at worker's feet
- Vernier adjustability allows for a secure fit and 1/4" adjustment intervals
- Easy to use, push-button adjustment
- Standard version fits beam flange widths from 4" to 14" and the XL fits beam flange from 14" to 24"
- 400-lb work capacity
- Lightweight unit, weights only 4.5 lbs.
- Meets ANSI Z359.1, ANSI A10.32, and all applicable OSHA standards



D-PLATE ANCHORAGE CONNECTOR

- Provides permanent anchorage point
- Bolts to beams or columns



SAM483



| Order No. | Mfg. No. | Description |
|-----------|----------|---|
| SAM483 | 506632 | D-Plate Anchorage Connector, Zinc-Plated Steel |
| SAM484 | 506672 | D-Plate, Anchor with Anodized Aluminum Back-Plate |

| Order No. | Mfg. No. | Description |
|-----------|------------|---|
| SAO683 | 10051961 | FP Stryder Anchorage Connector |
| SAO684 | 10051961XL | FP Stryder Anchorage Connector, X-Large |

POINTGUARD™ ANCHORAGE CONNECTOR STRAPS

- Installs in seconds; cut and throw away when finished
- Economical and durable
- Available in 2 models: residential construction (3' length) or concrete construction (4' length, includes protective sheath)

- 1 3/4" polyester webbing - 5000-lb minimum breaking strength
- 4000-lb capacity
- Available with or without a steel D-ring
- Designed to comply with all applicable OSHA regulations as well as ANSI A10.14 and ANSI Z359.1



SAM478



SAM476



| Order No. | Mfg. No. | Description |
|-----------|----------|--|
| SAM476 | 10042792 | PointGuard™ Residential Anchorage Strap, 3' with D-ring |
| SAM477 | 10042793 | PointGuard™ Residential Anchorage Strap, 3' with Sewn Loop |
| SAM478 | 10042794 | PointGuard™ Concrete Anchorage Strap, 4' with D-ring |
| SAM479 | 10042795 | PointGuard™ Concrete Anchorage Strap, 4' with Sewn Loop |

ANCHORAGE CONNECTOR STRAPS

- Nylon, 5' length
- D-ring on one end and a sewn loop on the other end
- Standard 5' length, custom lengths available



SAM474



| Order No. | Mfg. No. | Description |
|-----------|----------|--|
| SAM474 | 505282 | Anchorage Connector Strap, Nylon, 5' |
| SAM475 | 505298 | Anchorage Connector Strap, Polyester, 5' |

BOSUN CHAIR

- Best method to sit suspended for long durations
- Padded seat ensures comfort during use
- Adjustable web assembly ensures security
- Designed to be used in conjunction with full body harnesses
- Bosun chair, attached to D-ring, will keep the user in upright position
- 5" x 16 1/2" padded seat, black nylon straps, 2 carabiners

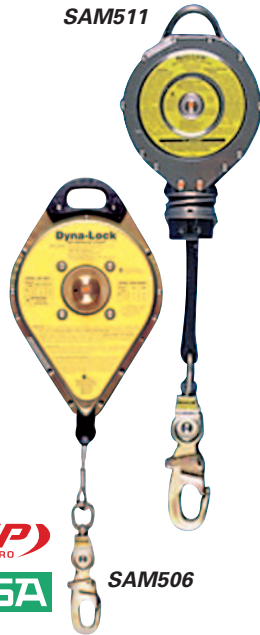
Order No. SAM399
Mfg. No. SSH3505017





SELF-RETRACTING LANYARDS

- Fast-acting fall arresters that limit free-fall distance, deceleration distance and fall arrest forces while allowing user freedom of movement
- The Dyna-Lock® SRL is ideal for climbing applications where vertical mobility is needed
- 4.5' per second locking speed
- Built-in shock absorber limits fall arrest forces to under 900 lbs.
- 3 independently braking mechanisms prevent freezing in icy or corrosive conditions
- Meets ANSI Z359.1, ANSI A10.14, applicable OSHA standards and CSA



- CAPACITY (WORKING LOAD)**
For 20' web, 50', 70', and 95' cable Dyna-Lock® units:
- Maximum: 400 lbs (181 kg)
 - Minimum: 75 lbs (34 kg)
- For 20' cable Dyna-Lock®:
- Maximum: 310 lbs (140 kg)
 - Minimum: 75 lbs (34 kg)

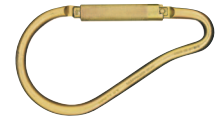


| Order No. | Mfg. No. | Description |
|---|----------|--|
| DYNA-LOCK® SRL WITH HL2000 SNAP HOOK | | |
| SAM506 | 10006470 | 10 m (30') Galvanized Wire Rope, |
| SAM507 | 10006468 | 16 m (50') Galvanized Wire Rope, |
| SAM508 | 10006466 | 22 m (70') Galvanized Wire Rope, |
| SAM509 | 10006464 | 30 m (95') Galvanized Wire Rope, |
| SAM510 | 10006447 | 20' Web Dyna-Lock® |
| BACKPACKER™ SRL | | |
| SAM511 | 10006446 | 20' Web Dyna-Lock®, Nylon, RL20 Double Locking Small Snap Hook |

CARABINERS



- Order No. SAM502**
Mfg. No. 506308
- 2" (50 mm) gate opening
 - Auto-locking
 - Steel



- Order No. SAM503**
Mfg. No. SRCC734G
- 2.1" (52 mm) gate opening
 - Auto-locking
 - Steel



- Order No. SAM499**
Mfg. No. 506259
- 7/8" (22 mm) gate opening
 - Auto-locking
 - Aluminum



- Order No. SAM500**
Mfg. No. SRCC643
- 1" (25 mm) gate opening
 - Auto-locking
 - Steel



- Order No. SAM501**
Mfg. No. SRCC642
- 1.2" (32 mm) gate opening
 - Auto-locking
 - Steel



CONFINED SPACE ENTRY KITS

THE CONFINED SPACE ENTRY KITS FEATURE:

- 2 tripod kits and 1 folding davit kit
- Single part number for simplified ordering
- Confined space kits with Lynx™ rescuer allow for non-entry rescue of a confined space entrant
- Tripod and davit kits allow for great portability
- CSA approved

LYNX™ TRIPOD CONFINED SPACE ENTRY KIT #1

Contains: Split mount pulley, Lynx™ rescuer mounting bracket for tripod, Lynx™ rescuer 16 m, Lynx™ 8' tripod, carry bags for tripod and rescuer.

LYNX™ TRIPOD CONFINED SPACE ENTRY KIT #3

Contains: Split mount pulley, Lynx™ rescuer mounting bracket for tripod, Lynx™ rescuer 16 m, pulley/bracket assembly, side mount Lynx™ hoist with 50' galvanized line, Lynx™ 8' tripod, carry bags for tripod, rescuer and hoist.

LYNX™ DAVIT CONFINED SPACE ENTRY KIT #2

Contains: Side mount Lynx™ hoist with 50' galvanized line, folding davit arm, folding davit base, split mount pulley, Lynx™ rescuer 16 m, Lynx™ rescuer mounting bracket, carry bags for hoist and rescuer.

| Order No. | Mfg. No. | Description |
|---------------|----------|--|
| SAM512 | 10048472 | Tripod Kit #1, including Lynx™ Rescuer |
| SAM513 | 10048473 | Tripod Kit #3, including Lynx™ Rescuer and Hoist |
| SAM514 | 10048474 | Davit Kit #2, includes Lynx™ Rescuer and Hoise |





BUCKET TRUCK EVACUATION KIT

- Necessary equipment to allow a worker to safely evacuate an aerial bucket that has become inoperative
- The kit includes:
 - #2 rope bag
 - 10' synthetic ladder with swivel snap hook
 - Boom anchor strap
 - Anthron system which includes Anthron device, 2 carabiners and 75' (22 m) 7/16" rope



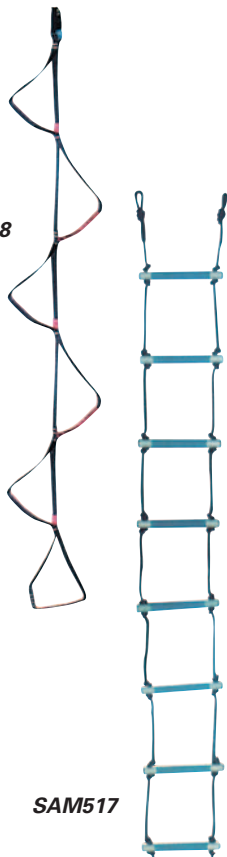
| Order No. | Mfg. No. | Description |
|-----------|------------|-----------------------------|
| SAM515 | SKITSMT001 | Bucket Truck Evacuation Kit |

RESCUE ETRIER

Etrier is French for a set of ascending web stirrups sewn or tied together

- Useful for stretcher tending and other vertical activities including getting over difficult edges
- The 6' loops are reinforced/stiffened for easier foot placement and abrasion resistance
- Length: 7' (2.1 m)
- Weight: 9 oz (280 g)

SAM518



| Order No. | Mfg. No. | Description |
|-----------|----------|-----------------------|
| SAM518 | SRS3200 | Rescue Etrier, 1" Web |

RESCUE LADDER

- The rescue ladder is made of synthetic rope with reinforced fiberglass rungs

Applications include: confined space access, theatrical stage rigging, mine access and many others.



SAM517

| Order No. | Mfg. No. | Description |
|-----------|-----------|---|
| SAM517 | SCE400020 | Rescue Ladder, Synthetic Rope 20' (6.1 m) |

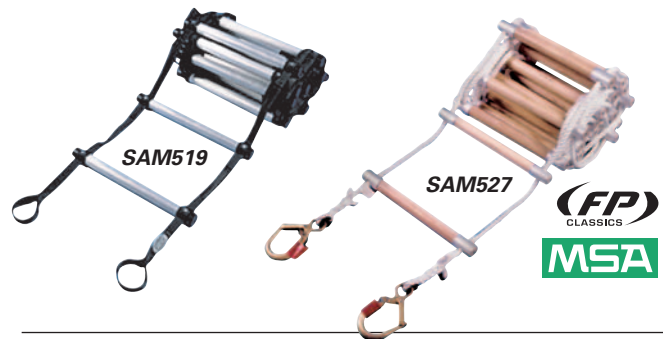
FALL PROTECTION RESCUE KIT

- Designed to be an "out of the bag" rescue system
- This kit combines a remote hook and extension pole with a rescue utility system for remote attachment of a rescue line to a victim
- The rescue utility system allows a rescuer to raise or lower the victim to safety
- This kit should be used with a back-up system (not included)
- Fall protection rescue kit includes:
 - Adjustable pole, 6' (1.8 m) to 12' (3.6 m)
 - Pole adapter converts pole to hold remote hook
 - Remote hook for remote attachment
 - Storage bag for pole and remote hook
 - Rescue utility system - raising and lowering system with a 4:1 mechanical advantage



| Order No. | Mfg. No. | Description |
|-----------|----------|----------------------------|
| SAM516 | 10030025 | Fall Protection Rescue Kit |

PORTABLE LADDERS



| Order No. | Mfg. No. | Description |
|--|----------|--------------------------------------|
| WITH ALUMINUM RUNGS, 1" NYLON STRAP | | |
| SAM519 | 415021 | 2 Small Loops at One End, 15' |
| SAM520 | 415023 | 2 Small Loops at One End, 25' |
| SAM521 | 415026 | 2 Small Loops at One End, 50' |
| SAM522 | 415027 | 2 Small Loops at One End, 100' |
| SAM523 | 415918 | 2 Ladder Snap Hooks at One End, 15' |
| SAM524 | 415921 | 2 Ladder Snap Hooks at One End, 25' |
| SAM525 | 415925 | 2 Ladder Snap Hooks at One End, 50' |
| SAM526 | 415927 | 2 Ladder Snap Hooks at One End, 100' |
| WITH WOODEN RUNGS, 1/2" NYLON ROPE | | |
| SAM527 | 415030 | 2 Small Loops at One End, 15' |
| SAM528 | 415032 | 2 Small Loops at One End, 25' |
| SAM529 | 415034 | 2 Small Loops at One End, 50' |
| SAM530 | 415035 | 2 Small Loops at One End, 100' |
| SAM531 | 415040 | 2 Ladder Snap Hooks at One End, 15' |
| SAM532 | 415042 | 2 Ladder Snap Hooks at One End, 25' |
| SAM533 | 415044 | 2 Ladder Snap Hooks at One End, 50' |
| SAM534 | 415045 | 2 Ladder Snap Hooks at One End, 100' |