

sellstrom®



Protecting The World's Workforce Since 1923SM

Family Owned for Over 85 Years

Sellstrom Manufacturing Company, located in Palatine, Illinois, has been a family owned leading manufacturer of personal safety equipment for over 85 years. The original Company was established in 1923 as Excell Sales Company and was located on North Clark Street in Chicago. G.E. Sellstrom (shown right) and his wife, Ellen, were its founders. In the beginning, the principal product manufactured was a green "eyeshade" that reduced glare both indoors and outdoors. The first customers were barbers, office workers and picnickers.



Over the years, other products followed and the Company began to manufacture a full line of sunglasses, motorcycle goggles and lenses for taillights, flashlights, etc. With the start of World War II, Sellstrom's total product line went toward the war effort which included: welding helmets, faceshields, welding goggles, and more.

In 1955, Sellstrom expanded again and moved to what is known today as Sellstrom Industrial Park in Palatine, making it one of the oldest manufacturing companies in the Palatine area. With the latest expansion completed in March of 1987, Sellstrom has grown to over 96,000 square feet of space.



G.E. Sellstrom (center) with his son Roger Sellstrom (left) and V.P. of Sales, Vern Clauson (right) at a Sales Meeting in Palatine, IL in 1962.

In 1996, Sellstrom completed the acquisition of RTC - a fall protection company located in Wilmington, Delaware. RTC and RTC Custom Solutions was moved to Palatine in January of 1997.

For more than 35 years, RTC Custom Solutions has been providing high quality, turnkey custom solutions for customers. The founder of RTC (Research and Trading Corporation) was one of the original fall protection pioneers and virtually invented the concept of Safety Engineering and introduced a scientific orientation to understanding the influence of mechanic forces on personal safety.

Sellstrom Manufacturing has grown to be one of the foremost family held personal protective manufacturers in the nation. Sellstrom is committed to providing their customers high quality products and the best service, all at competitive prices.

Sellstrom Manufacturing is proudly affiliated with:

A-D	Affiliated Distributors
ARA	American Rental Association
ASSE	American Society of Safety Engineers
AWS	American Welding Society
DPA	Distributor Partners of America
GAWDA	Gases & Welding Distributor Association
IDC	Independent Distributor Cooperative
ISA	Industry Supply Association
ISEA	International Safety Equipment Association
IWDC	Independent Welding Distributors Cooperative
NSC	National Safety Council
SEDA	Safety Equipment Distributors Association
SMG	Safety Marketing Group
STAFDA	Specialty Tools & Fasteners Distributors Association

How To Order

Leading distributors throughout the world stock and sell Sellstrom products. For information on your nearest Sellstrom distributor contact Sellstrom Manufacturing Company, One Sellstrom Drive, Palatine, Illinois 60067 or call 1.800.323.7402 (within the United States), 847.358.2000 or fax 847.358.8564. Additional product information at www.sellstrom.com.

ANSI, OSHA, NIOSH and MSHA

The American National Standards Institute (ANSI) and the Occupational Safety and Health Act (OSHA) are currently the twin criteria impacting American industrial safety. Sellstrom products, with such exceptions as noted, are developed and tested to meet the requirements of ANSI Z87.1, Z358.1, S12.6, Z89.1 and NIOSH/MSHA. Product specifications are subject to change without notice.

Polycarbonate

Polycarbonate is recognized for its outstanding impact strength and optical clarity which combine to provide rugged industrial protection. A polycarbonate spectacle is impact resistant but not unbreakable. Discard when scratched or pitted to maintain proper vision. Protective eyewear with polycarbonate lenses offer superior impact protection over those with glass lenses. Exposure to or contact with chemical vapors or liquids may cause crazing and reduce impact resistance. Discard when crazing occurs to any surface. Green and grey (anti-glare) lenses should not be used in any operation which exposes your eyes to harmful levels of infrared radiation. Always check with safety or supervisor personnel to be sure you are being provided adequate eye protection.

Job Protection Product Chart

While this chart provides general recommendations as to which of the Sellstrom product types are to be used for eye, ear, face, head and respiratory protection, it should be used as a general guide only and not as a mandatory prescription. Each application should always be considered on its own merits since there are usually many variables that must be taken into account. In general, however, this chart follows the recommendations of the American National Standards Institute.

Work Operation Job Hazard	Acid, gas, Dust, Organic Vapor, Paint Spray	Chemical Handling	Chipping, Woodworking	Construction, Mining, Forestry & Utilities	Electrical Welding	Gas Welding & Cutting	Grinding, School Shop	Laboratory, Metals	Machining Hazards	Molten	Overhead
Protective Eyewear		✓	✓	✓	✓		✓	✓	✓	✓	✓
Cover & Splash goggles	✓	✓	✓	✓			✓	✓	✓	✓	
Hard Hats & Liners				✓			✓			✓	✓
Hearing Protection				✓			✓	✓	✓		
Faceshields & Windows			✓	✓			✓	✓	✓	✓	
Respirators, Dust Masks	✓	✓	✓	✓	✓	✓	✓	✓		✓	
Welding Helmets				✓	✓			✓			✓
Welding, Cutting & grinding goggles				✓		✓		✓			
High Temp Fabrics				✓	✓	✓		✓		✓	
Welding Curtains/ Screens				✓	✓	✓		✓		✓	
Emergency Shower & Eye Wash Equipment	✓	✓		✓				✓			

UL, CUL, CSA, ETL and CE: What's the Difference?

If you look on our products and packaging, you'll see a certification mark or logo such as UL, CUL, CSA, ETL, CE and/or ANSI. What do these certification marks mean? Basically they are stamps of approval. Sellstrom products with these logos meet rigorous standards for quality and safety performance.

The acronyms are spelled out below:

- UL:** Underwriters Laboratories Inc.
- CUL:** Underwriters Laboratories Canada Inc.
- CSA:** Canadian Standards Association
- ETL:** Originally a mark of ETL Testing Laboratories, now a mark of Intertek Testing Services.
- CE:** Conformance European (Communauté Européenne or Conformité Européenne)
- ANSI:** American National Standards Institute



In operation for more than a century, Underwriters Laboratories Inc. is an independent nonprofit organization that writes, tests and certifies products for safety. UL has developed more than 800 standards for safety, and millions of products and their components are tested to UL's requirements. As a result, consumers live in a safer environment. UL's Standards for Safety are essential to helping insure public safety and improve product quality. [Information about UL standards can be found at http://ulstandardsinfo.net.ul.com.](http://ulstandardsinfo.net.ul.com)



Underwriters' Laboratories of Canada (UL Canada) is an independent nonprofit organization that writes and tests products for safety. ULC has tested products for public safety for more than 80 years and is accredited by the Standards Council of Canada, under the National Standards System. [Information about CUL standards can be found at http://ulc.ca](http://ulc.ca)



The Canadian Standards Association (CSA) is a nonprofit association serving business, industry, government and consumers in Canada and the global marketplace. Among many other activities, CSA develops standards that enhance public safety. A Nationally Recognized Testing Laboratory, CSA is very familiar with U.S. requirements. According to OSHA regulations, the CSA-US Mark qualifies as an alternative to the UL Mark. [Information about CSA standards can be found at http://www.csa.ca.](http://www.csa.ca)



The ETL Listed Mark is an alternative to the CSA and UL marks. ETL (Edison Testing Laboratories) has been conducting performance and reliability tests since 1896. Intertek Testing Services (ITS) acquired ETL from Inchcape in 1996. ITS is recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL), just as Underwriters Laboratories (UL), Canadian Standards Association (CSA) and several other independent organizations are recognized. ITS tests products according to nearly 200 safety and performance standards. The ETL Listed Mark and C-ETL Listed Mark are accepted throughout the United States and Canada when denoting compliance with nationally recognized - standards such as ANSI, IEC, UL, and CSA.

This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. product safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued conformance. If the mark includes a small "US" and/or "C", it follows product safety standards of United States and/or Canada, respectively. [Information about ETL standards can be found at http://ulstal.com.](http://ulstal.com)



What is the CE mark, and what is its purpose? The European Commission describes the CE mark as a "passport" that allows manufacturers to circulate industrial products freely within the international market of the EU. The CE mark certifies that the products have met EU health, safety and environmental requirements that ensure consumer and workplace safety. All manufacturers in the EU and abroad must affix the CE mark to those products covered by the "New Approach" directives in order to market their products in Europe. Once a product receives the CE mark, it can be marketed throughout the EU without undergoing further product modification. [Information about CE standards can be found at http://ulstal.com.](http://ulstal.com)

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FALL PROTECTION

For RTC Fall Protection Product and Service information please visit www.fallprotection.com or call (847)358-2000.

ANSI Standards

ANSI is the acronym for the **American National Standards Institute**, a nonprofit organization that serves as administrator of the United States private sector voluntary standardization system. The primary objective of ANSI is to promote and facilitate voluntary consensus standards and conformity assessment systems. ANSI does not have authority to enforce such standards, but their standards are used by Occupational Safety and Health Administration (OSHA) to be sure that certain safety devices, such as eyewear, provide adequate protection for workers.

The ANSI Z87.1 standard sets forth requirements for the design, construction, testing, and use of eye protection devices, including standards for impact and penetration resistance. All protective glasses, goggles, and faceshields used by employees under OSHA jurisdiction must meet the ANSI Z87.1 standard. The eyewear standard includes the following minimum requirements:

- Provide adequate protection against the hazards for which they are designed
- Be reasonably comfortable
- Fit securely, without interfering with movement or vision
- Be capable of being disinfected if necessary, and be easy to clean
- Be durable
- Fit over, or incorporate, prescription eyewear

Many manufacturers of sports eyewear and other protective eyewear not used in a work environment also comply with the ANSI Z87.1 standard. If you need protective eyewear of any kind, look for products that comply with the ANSI standard or consult with an optometrist, ophthalmologist, or optician before purchasing.

Proud to be:



Sellstrom Manufacturing Company has been a leader in protecting the world's workforce since 1923. Maintaining that leadership position necessarily entails continuous attention to improving processes in all areas of the company. Sellstrom developed a quality management system, to ensure that manufacturing procedures and product quality were constantly advancing. Meeting the requirements for ISO 9001:2000 certification - which Sellstrom achieved as a continuation of ISO 9002:1994 in 1994 - was largely a matter of training employees in ISO procedures and modifying the existing system to conform to the most current ISO standards.

The ISO 9001:2000 certification from ABS Quality Evaluations (an ISO registrar) serves as an impartial appraisal of Sellstrom's quality management system. This achievement affirms Sellstrom's conformance with the standards set forth by the International Organization for Standardization, and acknowledges the Sellstrom commitment to meeting the needs and requirements of its customers in the global marketplace.

ISO certification requires ongoing evaluation. ABS Quality Evaluations continues to review Sellstrom Manufacturing Company on a twice-yearly basis to ensure that the quality systems are maintained. Every aspect of our business - including product development and design, production, testing and quality control, packaging, shipping, customer interaction and customer satisfaction - is closely monitored to ensure conformity with ISO standards. Our continued compliance assures that we will provide the highest-quality products and services possible.



Item #	Description
70201	Black Frame / Clear Lens
70211	Black Frame / Smoke Lens
70221	Black Frame / Indoor-Outdoor Mirror Lens

X100™

- Anti-Scratch UV absorbing polycarbonate lens provide outstanding impact strength and optical clarity for rugged industrial protection.
- Four lens tint options for indoor and outdoor work environments where normal to low light conditions exists.
- Provides 99.9% UV Protection.
- Rubberized straight temple tips relieve pressure from the temples and back of ears
- Reduce glare, eye strain and fatigue with an indoor-outdoor or silver mirror lens.
- Great wrap-around style providing a secure, comfortable fit.
- Stylish frame following latest fashion trends.
- Meets ANSI Z87.1-2003 and ANSI + High Impact Standards.



Item #	Description
70501	Black Frame / Clear Lens
70511	Black Frame / Smoke Lens
70521	Black Frame / Indoor-Outdoor Mirror Lens
70531	Black Frame / Blue Mirror Lens

X200™

- Anti-Scratch UV absorbing polycarbonate lens provide outstanding impact strength and optical clarity for rugged industrial protection.
- Four lens tint options for indoor and outdoor work environments where normal to low light conditions exists.
- Provides 99.9% UV protection.
- Rubberized straight temple tips aid in keeping eyewear secure to head
- Reduce glare, eye strain and fatigue with a mirror lens.
- Meets ANSI Z87.1-2003 and ANSI + High Impact Standards.











Item #	Description
70701	Clear Frame / Clear Lens
70711	Amber Frame / Amber Lens
70721	Smoke Frame / Smoke Lens
70731	Indoor-Outdoor Mirror Frame / Indoor-Outdoor Mirror Lens

X300™

- Anti-Scratch UV absorbing polycarbonate lens provide outstanding impact strength and optical clarity for rugged industrial protection.
- Four lens tint options for indoor and outdoor work environments where normal to low light conditions exists.
- Provides 99.9% UV Protection.
- Enhance contrast while reducing eye strain and fatigue with an amber lens.
- Reduce glare, eye strain and fatigue with an indoor-outdoor mirror lens.
- Great wrap-around style providing a secure, comfortable fit.
- Meets ANSI Z87.1-2003 and ANSI + High Impact Standards.

LENS SELECTION GUIDE

Protective eyewear is available in a variety of lens tints for all kinds of work applications. All our listed options provide 99.9% UV Protection

	Clear	General purpose for both indoor and outdoor work environments where normal to low light conditions exists
	Smoke	General purpose for outdoor work environments such as construction, utility works, transportation, etc.
	Indoor/Outdoor	General purpose for when workers move from indoor to outdoor environments; reduces glare
	Amber	For low light applications in which contrast may be enhanced
	Gold Mirror	General purpose for both indoor and outdoor work environments; reduces glare
	Blue Mirror	For indoor work environments where fluorescent light conditions exists; reducing eye strain and fatigue
	Shade 3 IR	For welding affiliated operations such as light torch soldering, brazing and cutting operations
	Shade 5 IR	For welding affiliated operations such as medium to heavy torch soldering, brazing and cutting operations



Atlantis™

- Great wrap-around style providing a secure, comfortable fit
- Stylish frame following latest fashion trends
- Anti-Scratch UV absorbing polycarbonate lens
- Four lens color options, including a light blue lens which reduces glare from fluorescent light
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well

Item #	Description
70601	Black Frame / Clear Lens
70611	Black Frame / Smoke Lens
70621	Black Frame / Amber Lens
70631	Blue Frame / Clear Lens
70641	Blue Frame / Light Blue Lens
70651	Pearl Green Frame / Clear Lens
70661	Silver Frame / Clear Lens
70671	Burgundy Frame / Clear Lens



AVALANCHE™

- Rubberized straight temple tips relieves pressure from the temples and back of ears
- Great wrap-around style providing a comfortable fit
- Anti-Scratch UV absorbing polycarbonate lens
- Soft, clear nose pads prevent slipping and sliding
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well

Item #	Description
74101	Black Frame / Clear Lens
74151	Black Frame / Indoor-Outdoor Lens
74171	Black Frame / Smoke Lens



B⁵

- Anti-Scratch UV absorbing polycarbonate lens
- Complete protection within a perfect facial contouring fit providing outstanding stability against movement.
- Strong frame has built in energy support to resist fatigue
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
74701	Black Frame with Adjustable Temples / Clear Lens
74751	Black Frame with Adjustable Temples / Shade 5 IR Lens



Item #	Description
70301	Red, White, and Blue Frame with Adjustable Temples / Clear Lens
70302	Replacement Nose Piece / 6 pack

Dyno-Mites™

- Designed to fit a child or small adult face
- Soft, clear nose pads prevent slipping and sliding
- Anti-Scratch UV absorbing polycarbonate lens
- Adjustable temples provide a perfect fit
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well



Item #	Description
73401	Clear Frame / Clear Lens
73421	Amber Frame / Amber Lens
73471	Smoke Frame / Smoke Lens
73481	Smoke Frame / Blue Mirror Lens
73491	UV 400 Frame / Light Gold Mirror Lens

FIREBIRDS™

- Rubberized straight temple tips relieves pressure from the temples and back of ears
- Wrap-around style provides excellent side protection
- Anti-Scratch UV absorbing polycarbonate lens
- Unobtrusive nose-piece and close-fitting frame provides a great fit
- Soft rubber tips gently hug your head
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well



Item #	Description
76201	Black Frame / Clear Lens
76231	Black Frame / Shade 3 Lens
76251	Black Frame / Shade 5 Lens

Grafit™

- Graphite compound frame
- 56mm Anti-Scratch UV absorbing polycarbonate lens
- 30 mm sideshields
- 6 mm browguard
- 5 1/2" (14.61 cm) temples
- Weighs only 1.2 oz. (34.02g)
- Meets ANSI Z87.1-2003 Standards



Item #	Description
79103	Clear Frame w/ Side Shields / Clear Lens (Dispenser Box of 24)
79108	Clear Frame w/ Side Shields / Clear Lens in Bulk (Box / 100)

Guest-Gard®

- Universal fit nosebridge
- Fixed sideshields and frosted browguard
- 5 1/4" (14.61 cm) temples
- UV absorbing polycarbonate lens
- Fits over most prescription glasses
- Custom imprint program available
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well



MATRIX™

Item #	Description
73501	Black Frame / Clear Lens
73521	Black Frame / Light Gold Mirror Lens
73571	Black Frame / Smoke Lens
73581	Black Frame / Blue Mirror Lens

- Stylish frame following latest fashion trends
- Great wrap-around style providing a secure, comfortable fit
- Rubberized straight temple tips relieves pressure from the temples and back of ears
- Anti-Scratch UV absorbing polycarbonate lens
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well



MAXVIEW®

Item #	Description
79301	Clear Frame / Clear Scratch-Resistant Lens
79302	Clear Frame / Clear Lens

- Great wrap-around style providing a secure, comfortable fit
- Integral lens construction
- UV absorbing polycarbonate lens
- Durable frame
- Fits over most prescription glasses
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI+ High Impact Standards as well



MAXVIEW® II

Item #	Description
73901	Clear Frame / Clear Lens
73921	Clear Frame / Clear Scratch-Resistant Lens

- Single lens to provide an optimal viewing area
- UV absorbing polycarbonate lens
- Great wrap-around style providing a secure, comfortable fit
- Slim design providing comfort all day long
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI+ High Impact Standards as well



PT9

Item #	Description
74201	Blue Frame / Clear Lens
74271	Smoke Frame / Smoke Lens
74241	Smoke Frame / Indoor/Outdoor Lens

- Rubberized straight temple tips relieves pressure from the temples and back of ears
- Soft nose pads prevent slipping and sliding
- Anti-Scratch UV absorbing polycarbonate lens
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well
- CUL Certified to meet CAN/CSA-Z94.3 Standards



Sebring[®] 400

- Adjustable temples
- Several frame and lens color options
- Junior sizes available
- Anti-Scratch UV absorbing polycarbonate lens
- Wide, single piece lens providing incredible clarity & side protection
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
76301	Black Frame / Clear Lens
76341	Black Frame / Silver Mirror Lens
76371	Black Frame / Smoke Lens
76401	Burgundy Frame / Clear Lens
76541	Grey Frame / Silver Mirror Lens
76601	Blue Frame / Clear Lens
76671	Blue Frame / Smoke Lens
76701	Red, White & Blue Frame / Clear Lens
76771	Red, White & Blue Frame / Smoke Lens
73801	Black Frame (small) / Clear Lens



Sebring[®] 600

- Adjustable temples
- Wide, single piece lens
- Anti-Scratch UV absorbing polycarbonate lens
- Provides excellent side protection
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
74601	Clear Frame / Clear Lens
74671	Smoke Frame / Smoke Lens
74651	Shade 5 Frame / Shade 5 Lens
74661	Shade 6 Frame / Shade 6 Lens



Sebring[®] 600 MAG[®]

- Bifocal Reader in lens
- Anti-Scratch UV absorbing polycarbonate lens
- Adjustable temples
- Wide, single piece lens
- Provides excellent side protection
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
74615	Clear Frame with Adjustable Temples / Clear Lens with 1.50 Bifocal Reader
74620	Clear Frame with Adjustable Temples / Clear Lens with 2.00 Bifocal Reader
74625	Clear Frame with Adjustable Temples / Clear Lens with 2.50 Bifocal Reader



TechnoSports II™

Item #	Description
74801	Black Adjustable Temples / Clear Lens
74871	Black Adjustable Temples / Smoke Lens
74841	Black Adjustable Temples / Indoor/Outdoor Lens

- 6 innovative base interior lenses minimizes distortion
- Reduces eyestrain and fatigue
- Great wrap-around style providing a secure, comfortable fit
- Single piece scratch resistant lens
- Anti-Scratch UV absorbing polycarbonate lens
- Outstanding peripheral vision & optic clarity
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well



Item #	Description
74501	Metallic Frame / Clear Lens
74571	Metallic Frame / Smoke Lens
74541	Metallic Frame / Indoor/Outdoor Mirror Lens

- Anti-Scratch UV absorbing polycarbonate lens
- Soft, clear nose pads prevent slipping and sliding
- Great wrap-around style providing a secure, comfortable fit
- Rubberized straight temple tips relieves pressure from the temples and back of ears
- Soft black rubber tips
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well



Item #	Description
74301	Clear Lens
74371	Smoke Lens
74341	Indoor/Outdoor Mirror Lens

- Stylish & lightweight
- Soft, clear nose pads prevent slipping and sliding
- Thin wire temples conform to any size head providing a perfect fit
- Anti-Scratch UV absorbing polycarbonate lens
- Ultra-comfort with attractive style
- Meets ANSI Z87.1-2003
- Meets ANSI + High Impact Standards as well



Item #	Description
73601	Black Temple / Clear Lens
73671	Black Temple / Smoke Lens
73681	Black Temple / Blue Mirror Lens

- Rubberized straight temple tips relieves pressure from the temples and back of ears
- Anti-Scratch UV absorbing polycarbonate lens
- Soft, clear nose pads prevent slipping and sliding
- Meets ANSI Z87.1-2003 Standards
- Meets ANSI + High Impact Standards as well



Item #	Description
23490	Sta-Clear® Pre-Moistened Lens Cleaning Tissue Packets in Self-Dispensing Box (110 Per Box)
23491	Sta-Clear® Pre-Moistened Lens Cleaning Tissue Packets in Re-Sealable Personal Pak (40 Packets/Pak)
23492	Sta-Clear® Pre-Moistened Lens Cleaning Tissue Packets in Bulk (1,000 Packets/Box)

Sta-Clear® Pre-Moistened Lens Cleaning Tissue Packets

- Cleans glass & plastic
- Anti-static, anti-fog cleaning solution impregnated in tissues
- Contains no silica so lenses stay scratch-free
- Cleans without streaking or leaving a static residue
- Convenient and easy to use single packets
- One step cleaning, no need for a dry tissue
- Large towelette measures 5" x 8" (12.70 cm x 20.32 cm)
- Handy self-dispensing box contains 110 pkts
- Dispenser box may be wall mounted or rest on table



Item #	Description
22184	Sel-Kleen™ Pre-Moistened Equipment Cleaning Tissue Packets containing 70% Alcohol in Self-Dispensing Box (110 Per Box)
22185	Sel-Kleen™ Pre-Moistened Equipment Cleaning Tissue Packets containing No Alcohol in Self-Dispensing Box (110 Per Box)

sel-kleen™ Pre-Moistened Equipment Cleaning Packets

- Anti-static, anti-fog cleaning solution impregnated in tissues
- Contains no silica; scratch free
- Convenient and easy to use single packets
- One step cleaning, no need for a dry tissue
- Large towelette measures 5" x 8" (12.70 cm x 20.32 cm)
- Handy self-dispensing box contains 110 pkts
- Dispenser box may be wall mounted or rest on table

**"WATER ONLY"
NO SEPARATE SOLUTION
NEEDED!**



Item #	Description
23480	Sta-Clear® Lens Cleaning Tissues in Self-Dispensing Box (1,000 Tissues Per Box)

Sta-Clear® Lens Cleaning Tissues

- Anti-static, anti-fog cleaning solution impregnated in tissues
- Needs only water to activate
- Contains no silica so polycarbonate lenses stay scratch-free
- 1,000 Tissues per box
- Tissue box measures 5 1/4" x 4 1/2" x 4 1/8" (13.02 x 12.07 x 11.75 cm)
- Tissue measures 4 1/2" x 10 1/2" (11.43 x 27.31 cm)



Item #	Description
23469	Sta-Clear® Disposable Lens Cleaning Station (includes water bottle & pump, 1,000 tissues) 8 5/8" W x 6 1/2" H x 5 3/8" D
23470	Sta-Clear® Metal Lens Cleaning Station - (includes water bottle & pump, 1,000 tissues) 8 3/4" W x 6 1/2" H x 5 1/4" D

Sta-Clear® Lens Cleaning Stations

- Complete with tissue and pump spray bottle
- Opening for litter-free disposal of used tissues
- Anti-static, anti-fog cleaning solution impregnated in tissues
- Needs only water to activate
- Contains no silica so polycarbonate lenses stay scratch-free
- Tissue measures 4 1/2" x 10 1/2" (11.43 x 27.31 cm)

Replacement Parts

23471	Plastic Water Bottle (16 oz) with Pump
23474	Lock for #23470 unit
23475	Key for #23470 unit

Model 2000 Monitor[®] Germicidal Cabinet

Item #	Description
90494	Model 2000 Cabinet with germicidal lamp and universal rack that can hold 6 glasses or 5 goggles to a shelf; 8 shelves. Does not include glasses or goggles. Weighs 45 pounds.

Replacement Parts

90496	Universal Rack
90479	Keys for Monitor (2)
90481	Ballast
90482	Lamp
90483	Timer - 5 minutes
90484	Interlock Switch
90485	Lock Assembly with Keys
90486	Timer Knob & Face Plate
90487	Electrical Cord Set -(7 foot cord)

Features

- Average kill rate of 99.2% in 5 minutes
- 24 gauge white enameled steel cabinet
- Universal rack provides increased capacity of 6 glasses or 5 goggles per level on 8 shelves
- Doors interlocked w/ tamper resistant latches
- Lockable, two keys provided, multiple units keyed alike
- Wall or shelf mountable with a 7' (2.13 m) grounded electrical cord
- No direct UV radiation escapes from cabinet when in use



- Shuts off automatically if double doors are open
- Pilot light confirms UV lamp in use
- Five minute cycle controlled by a timer
- Germicidal lamp has a 20 year limited warranty
- Cabinet measures 32" H x 24½" W x 9 ½" D
- No assembly required
- Underwriters Laboratories Inc.® Listed: File #E140818

Spill Control Station

Item #	Description
68000	Spill Control Station Cabinet

Spill Pillows in Box Quantity

68120	1 Quart Lab Pillow, Carton/12
68100	1 Gallon Industrial Spill Pillows, Carton/12

Replacement Parts

68130	1 Liter Hydrofluoric Spill Pillows, Carton/4
68140	Pads/Blankets Carton/15
68155	Tyvek® Total Body Coveralls Saranex (Large)
68160	Protective gloves (Shrink-wrapped) pr. Lrg only
68170	Chemical Splash Goggles, Shrink-wrapped/Pair
68180	Hazardous Waste Bags with ties, Carton/15



- Be prepared for easy clean-up of emergency spills.
- Universal spill control pillows absorb and contain all types of acid, caustic, solvent or oil
- Special pillows for hydro-fluoric acid
- Cabinet 30 1/2"H x 15"W x 9 1/2"D (78.11 cm x 38.10 cm x 24.13 cm)
Contains: 10 Standard Spill Pillows, 2 Hydrofluoric Spill Pillows, 15 Sorbent Pads, 2 Total Body Saranex™ Tyvek™ Coveralls, 2 Pairs of Gloves, 2 Chemical Splash Goggles, 15 Hazardous Waste Bags & Ties

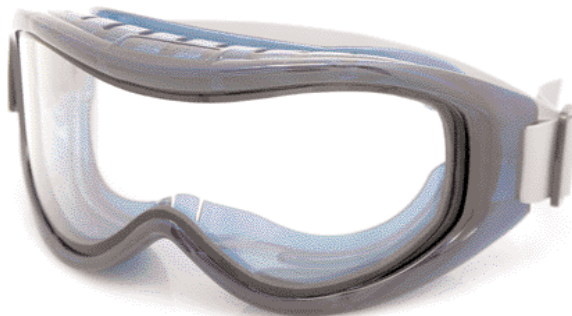
C A B I N E T S / S P I L L C O N T R O L



Odyssey II Industrial Goggle

- Sealed "Dual" Anti-Fog Lens
- Scratch-Resistant on the outside - Anti-Fog on the inside
- UV absorbing polycarbonate
- Ultra comfortable, soft goggle body for a snug seal
- Indirect vents on the top and bottom, protecting against liquids and dust while permitting indirect ventilation
- Extra wide peripheral vision
- Flame Retardant Cloth Strap
- Fits over prescription eyewear
- Easy strap adjustment
- Meets ANSI Z87.1-2003 Standards
- Meet CAN/CSA-Z94.3 Standards

Item #	Description
80200	Blue Body / Sealed Dual Scratch-Resistant, Anti-Fog Clear Lens
80242	Replacement Sealed Dual Scratch-Resistant, Anti-Fog Clear Lens
80246	Replacement Flame Retardant Strap



Odyssey II Chemical Splash Goggle

- Sealed Dual Scratch-Resistant, Anti-Fog Lens
- UV absorbing polycarbonate
- Ultra comfortable, soft goggle body for a snug seal
- Indirect vents on top and bottom protecting against liquids and dust while permitting indirect ventilation
- Extra wide peripheral vision
- Grey Neoprene Strap
- Fits over prescription eyewear
- Easy strap adjustment
- Meets ANSI Z87.1-2003 Standards
- Meet CAN/CSA-Z94.3 Standards

Item #	Description
80201	Blue Body / Sealed Dual Scratch-Resistant, Anti-Fog Clear Lens
80202	Blue Body / Sealed Dual Scratch-Resistant, Anti-Fog Amber Lens
80203	Blue Body / Sealed Dual Scratch-Resistant, Anti-Fog Smoke Lens
80242	Replacement Sealed Dual Scratch-Resistant, Anti-Fog Clear Lens
80249	Replacement Sealed Dual Scratch-Resistant, Anti-Fog Amber Lens
80250	Replacement Sealed Dual Scratch-Resistant, Anti-Fog Smoke Lens
80251	Replacement Grey Neoprene Strap



Odyssey II Clean Room Goggle

- CAN BE AUTOCLAVED
- UV absorbing polycarbonate Lens
- High Temperature Material
- Ultra comfortable, soft goggle body for a snug seal
- Non-vented body offers the best protection against liquids and dust
- Extra wide peripheral vision
- Synthetic Rubber Strap (Latex Free)
- Fits over prescription eyewear
- Easy strap adjustment
- Meets ANSI Z87.1-2003 Standards

Item #	Description
80230	Blue High Temp Non-Vented Body / Clear Anti-Fog Lens
80231	Blue High Temp Top Vented Body / Clear Lens
80244	Replacement Clear Anti-Fog Lens
80252	Replacement Clear Lens for 80231 Goggle
80241	Replacement Synthetic Rubber Strap



Odyssey II Wildland Fire Goggle

- HIGH TEMPERATURE MATERIAL
- Sealed Dual Scratch-Resistant, Anti-Fog Lens
- UV absorbing polycarbonate lens
- Ultra comfortable, soft closed cell foam for a snug seal allowing no smoke to come in
- Non-vented body offers the best protection against liquids and dust
- Extra wide peripheral vision
- Fits over prescription eyewear
- Easy strap adjustment
- Meets ANSI Z87.1-2003 Standards
- Meet CAN/CSA-Z94.3 Standards
- **Meets NFPA 1977**



Item #	Description
80220	Black High Temp Body / Sealed Dual Scratch-Resistant, Anti-Fog Clear Lens
80242	Replacement Sealed Dual Scratch-Resistant, Anti-Fog Clear Lens
80245	Black Nylon Goggle Case (shown right)
80246	Replacement Black Cloth Elastic Flame Retardant Strap
80221	80220 Fire Goggle with an extra replacement 80242 Lens in black nylon goggle case (shown right)



Odyssey II Tactical Goggle

- Sealed Dual Scratch-Resistant, Anti-Fog Lens
- UV absorbing polycarbonate
- Ultra comfortable, soft goggle body for a snug seal
- Indirect vents on top and bottom protecting against liquids and dust while permitting indirect ventilation
- Extra wide peripheral vision
- Fire-Retardant Strap
- Fits over prescription eyewear
- Easy strap adjustment
- Meets ANSI Z87.1-2003 Standards
- Meet CAN/CSA-Z94.3 Standards

Item #	Description
80290	Black High Temp Body / Sealed Dual Scratch-Resistant, Anti-Fog Clear Lens
80291	Black High Temp Body/ Sealed Dual Scratch-Resistant, Anti-Fog Amber Lens
80293	Black High Temp Body / Sealed Dual Scratch-Resistant, Anti-Fog Orange Lens
80294	80290 Goggle w/ an extra replacement 80242 lens in black nylon goggle case
80242	Replacement Sealed Dual Scratch-Resistant, Anti-Fog Clear Lens
80249	Replacement Sealed Dual Scratch-Resistant, Anti-Fog Amber Lens
80248	Replacement Sealed Dual Scratch-Resistant, Anti-Fog Orange Lens
80246	Replacement Black Cloth Elastic Flame Retardant Strap



Odyssey II Shade 5 Cutting Goggle

- Shade 5 IR Lens
- Ultra comfortable, soft goggle body for a snug seal
- Indirect vents on top and bottom protecting against liquids and dust while permitting indirect ventilation
- Extra wide peripheral vision
- Fits over prescription eyewear
- Easy strap adjustment
- Fire-Retardant Strap
- Meets ANSI Z87.1-2003 Standards
- Meet CAN/CSA-Z94.3 Standards

Item #	Description
80211	Black High Temp Body / Shade 5 IR Lens - Packaged in a Point of Sale Clam
80210	Black High Temp Body / Shade 5 IR Lens - Packaged in a Polybag
80243	Replacement Shade 5 IR Lens
80246	Replacement Black Cloth Elastic Flame Retardant Strap



COMFORT & QUALITY

All Sellstrom goggles provides a secure comfortable fit. Quality materials and design features such as the soft flange at the top and bottom insure the best fitting goggle for any job. Goggle features include: 3 vent styles, standard or mini size body lenses in regular and anti-fog, comfortable fit over prescription glasses, and replacement parts available.

VENT OPTIONS

- Direct vent provides maximum air flow and protection against grinding, chipping and cutting operations.
- Indirect vent protects against liquids, dust and smoke while permitting indirect ventilation.
- Non-vent offers best protection from liquid and dust.



Odyssey[®] Chemical Splash Goggle

- Anti-Scratch UV absorbing polycarbonate lens
- Ultra comfortable, soft goggle body for a snug seal
- Indirect vents on top and bottom protecting against liquids and dust while permitting indirect ventilation
- Extra wide peripheral vision
- Fits over prescription eyewear
- Easy strap adjustment
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
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80010	Clear PVC Body / Clear Anti-Fog Clear Lens
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Advantage[™] Economy Goggles

- UV absorbing polycarbonate lens
- Available in Anti-Fog
- Green tinted flexible PVC body ensures a proper fit
- Adjustable 18" (45.72 cm) green elastic headband
- Fits over most prescription glasses
- Three vent options to fit your every need
- Replaceable .060" distortion-free polycarbonate fog-free lens
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
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81000	Direct Vent, Green Tinted Body / Clear Lens
81010	Direct Vent, Green Tinted Body / Clear Anti-Fog Lens
81200	Indirect Vent (White Vents), Green Tinted Body / Clear Lens
81210	Indirect Vent (White Vents), Green Tinted Body / Clear Anti-Fog Lens
81220	Non-Vent, Green Tinted Body / Clear Lens
22448	Replacement 18" Elastic Headband (1 Bag / 12)



Advantage™ Padded Economy Goggles

- Anti-Fog, UV absorbing polycarbonate lens
- Green tinted flexible PVC body ensures a proper fit
- Foam padding provides a gentle fit on any face size
- Adjustable 18" (45.72 cm) green elastic headband
- Fits over most prescription glasses
- Three vent options to fit your every need
- Replaceable .060" distortion-free polycarbonate fog-free lens
- Meets ANSI Z87.1-2003 Standards

Item #	Description
81310	Padded, Direct Vent Green Tinted Body / Anti-Fog Clear Lens
81320	Padded, Indirect Vent Green Tinted Body / Anti-Fog Clear Lens
81330	Padded, Non-Vent Green Tinted Body / Anti-Fog Clear Lens
22448	Replacement 18" Elastic Headband (1 Bag / 12)



880, 881, and 882 Series

- UV absorbing polycarbonate lens
- Available in Anti-Fog
- High quality green tinted flexible PVC body ensures a proper fit
- Adjustable 18" (45.72 cm) green elastic headband
- Fits over most prescription glasses
- Three vent options to fit your every need
- Replaceable .060" distortion-free polycarbonate fog-free lens
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
88000	Direct Vent, Green Tinted Body / Clear Lens
88003	Same as 88000, 150 Bulk Nested / Case
88006	Same as 88000, Poly Bagged 120 / case
88010	Direct Vent, Green Tinted Body / Anti-Fog Clear Lens
88110	Non- Vent, Green Tinted Body / Anti-Fog Clear Lens
88113	Same as 88110, 150 Bulk Nested / Case
88200	Indirect Vent (Black Vents) Green Tinted Body / Clear Lens
88203	Same as 88200, 120 Bulk Nested / Case
88206	Same as 88200, Poly Bagged 108 / Case
88210	Indirect Vent (Black Vents) Green Tinted Body / Anti-Fog Clear Lens
88213	Same as 88210, 120 Bulk Nested / Case
88216	Same as 88210, Poly Bagged 108 / Case
22448	Replacement 18" Elastic Headband (1 Bag / 12)
84001	Replacement Clear Lens
84011	Replacement Clear Anti-Fog Lens



830 Mini Economy Series

- Lightweight, green tinted PVC body gently conforms to face providing a secure, comfortable fit
- Ideal for smaller faces and working in confined areas
- Indirect vent protects against liquids and dust while permitting indirect ventilation
- Direct vent provides max. air flow and protection against grinding, chipping and cutting operations
- UV absorbing polycarbonate lens
- Adjustable 18" (45.72 cm) green elastic headband
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
83000	Direct Vent, Green Tinted Body / Clear Lens
83010	Direct Vent, Green Tinted Body / Clear Anti-Fog Lens
83200	Indirect Vent, Green Tinted Body / Clear Lens
83210	Indirect Vent, Green Tinted Body / Clear Anti-Fog Lens
22448	Replacement 18" Elastic Headband (Bag/12)

DP4™ Multi-Purpose Series

Convenient System Gives You the Flexibility to Handle Various Types of Grinding, Brazing and Flame Cutting

The new DP4™ faceshield combines a clear anti-fog window with a flip-down IR window, providing uninterrupted protection for grinding, cutting, and brazing operations. The shield curves naturally to fit facial contours—ensuring reliable protection from splash, particles, and flying debris. Ratchet headgear suspension allows user to adjust size and tighten at the turn of a knob. Rugged, polycarbonate shield is impact and splash resistant. Meets ANSI Z87.1 standards and is CUL-certified to meet CAN/CSA-Z94.3 standards.

OPTIONS

- Clear Full Face for grinding, and chipping operations.
- Combination with flip-up shade 5 or 6 for grinding, chipping and/or brazing operations.
- Combination with flip-up shade 8 for grinding, chipping, brazing and/or cutting operations.

NO INTERRUPTIONS

- FIRST EVER combination clear anti-fog window with Shade 5 IR flip-up lens for use in grinding, cutting and brazing operations
- FIRST EVER combination clear anti-fog window with shade 8 IR flip-up lens for plasma cutting operations
- UV absorbing polycarbonate windows
- Available with hard hat attachments
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards



**FIRST FACESHIELD
IN THE MARKET THAT
MEETS ANSI Z49.1
STANDARDS FOR
PLASMA CUTTING**



**Flame and
Plasma Cutting**



Item # Description

DP4™ Multi-Purpose Faceshields

Ratchet Headgear Included

32010	Black Crown, Ratchet Headgear with a Clear Anti-Fog window
32030	Black Crown, Ratchet Headgear with a Shade 3 IR window
32050	Black Crown, Ratchet Headgear with a Shade 5 IR window
32151	Black Crown, Ratchet Headgear with a Clear Anti-fog window with a Shade 5 IR Flip Front window
32161	Black Crown, Ratchet Headgear with a Clear Anti-fog window with a Shade 6 IR Flip Front window
32181	Black Crown, Ratchet Headgear with a Clear Anti-fog window with a Shade 8 IR Flip Front window

DP4™ with Universal Slot Hard Hat Adapter (For Slotted Hard Hats)

Ratchet Headgear Not Included

32012	Black Crown with Universal Slot Adapter with a Clear Anti-Fog window
32032	Black Crown with Universal Slot Adapter with a Shade 3 IR window
32052	Black Crown with Universal Slot Adapter with a Shade 5 IR window
32152	Black Crown with Universal Slot Adapter with a Clear Anti-fog window with a Shade 5 IR Flip Front window
32162	Black Crown with Universal Slot Adapter with a Clear Anti-fog window with a Shade 6 IR Flip Front window
32182	Black Crown with Universal Slot Adapter with a Clear Anti-fog window with a Shade 8 IR Flip Front window

DP4™ with Zip-Clip™ Attachment (For Non-Slotted Hard Hats)

Ratchet Headgear Not Included

32013	Black Crown with Zip-Clip™ Attachment with a Clear Anti-Fog window
32033	Black Crown with Zip-Clip™ Attachment with a Shade 3 IR window
32053	Black Crown with Zip-Clip™ Attachment with a Shade 5 IR window
32153	Black Crown with Zip-Clip™ Attachment with a Clear Anti-fog window with a Shade 5 IR Flip Front window
32163	Black Crown with Zip-Clip™ Attachment with a Clear Anti-fog window with a Shade 6 IR Flip Front window
32183	Black Crown with Zip-Clip™ Attachment with a Clear Anti-fog window with a Shade 8 IR Flip Front window

DP4™ Replacement Parts

32000	Black Crown for Clear, Shade 3 and Shade 5 models
32001	Black Crown for all Flip Front models
32100	Clear Anti-Fog Window
32130	Shade 3 IR Window
32150	Shade 5 IR Window
32155	Shade 5 IR Flip Front Window
32166	Shade 6 IR Flip Front Window
32188	Shade 8 IR Flip Front Window
32011	Replacement Ratchet Headgear
61800	Replacement Zip-Clip™ Attachment Kit
61970	Replacement Universal Slot Adapter Kit



380 Series



390 Series

Item # Description

380 Faceshield Series

Complete Unit

38110	Blue Plastic Crown and Chin Protector, Ratchet Headgear w/ 36000 Clear Window
38140	Blue Plastic Crown/Chin Protector, Ratchet Headgear w/ 36040 Clear Anti-Fog Window
38150	Blue Plastic Crown/Chin Protector, Ratchet Headgear w/ 36050 Shade 5 IR Window

Windows

36000	6½" x 19½" x .040" Clear Window
36020	6½" x 19½" x .040" Green Window Shade C
36040	6½" x 19½" x .040" Clear Anti-Fog Window
36050	6½" x 19½" x .040" Shade 5 IR Window

390 Faceshield Series

Complete Unit

39010	Blue Plastic Crown, Pin Lock Headgear w/ 35000 Clear Window
39040	Blue Plastic Crown, Pin Lock Headgear w/ 35040 Clear Anti-Fog Window
39050	Blue Plastic Crown, Pin Lock Headgear w/ 35050 Shade 5 IR Window
39110	Blue Plastic Crown, Ratchet Headgear w/ 35000 Shade Clear Window
39140	Blue Plastic Crown, Ratchet Headgear w/ 35040 Clear Anti-Fog Window
39150	Blue Plastic Crown, Ratchet Headgear w/ 35050 Shade 5 IR Window

Crown and Headgear Parts

39000	Blue Plastic Crown with Pin Lock Headgear
39100	Blue Plastic Crown with Ratchet Headgear
39200	Blue Plastic Crown with Universal Slot Adapter
39300	Blue Plastic Crown with Zip-Clip™ Non-slotted Hard Hat Attachment
27004	Replacement Pin Lock Headgear
27051	Replacement Ratchet Headgear

COMFORT AND DURABILITY

Extra safety, comfort, durability and protection are built into every Sellstrom faceshield. Faceshields should be worn over ANSI approved protective eyewear. The Sellstrom Plus Factor features are part of every faceshield. Features include: 2 headgear styles Ratchet and Pin Lock, high impact spark guard, Interchangeable window sizes and more. Every shield curves naturally to fit facial contours—ensuring reliable protection from splash, particles, and flying debris. Ratchet headgear suspension allows user to adjust size and tighten at the turn of a knob. Pin lock suspension is adjustable and comfortable. Both suspensions hold cap in place even when bending over. Meets ANSI Z87.1 standards and is CUL-certified to meet CAN/CSA-Z94.3 standards.

OPTIONS

- Clear Full Face for grinding, and chipping operations.
- Shade 5 Full Face for grinding, chipping and/or brazing operations.
- Double Crown feature providing extra protection from splashes, dust and contaminants

380/390 Series Faceshields

- Chemical splash resistant
- Extreme impact strength
- Crown/Chin protector offers extra protection from splashed, dust and contaminants
- Non-glare finish allows for high clarity
- Single crown provides low cost, high quality protection
- UV absorbing polycarbonate windows
- Supplied with a ratchet or pin lock headgear, providing a perfect fit everytime
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards



Replacement Windows for 390 Series

35000	8" x 12"x .040" Clear Window
35020	8" x 12"x .040" Green Window - Shade C (Dark)
35040	8" x 12"x .040" Clear Anti-Fog Window
35050	8" x 12"x .040" Shade 5 IR Window
35100	8" x 16"x .040" Clear Window
35120	8" x 16"x .040" Green Window - Shade C (Dark)
35140	8" x 16"x .040" Clear Anti-Fog Window
37603	8" x 12"x .040" Clear Aluminum Bound Window



Advantage™ Series

- Unique toggle design makes assembly quick and easy
- Aluminum bound window provides extra durability
- Window works with many competitive headgear
- Ratchet headgear and soft brow pad
- Extreme impact strength
- Non-glare finish allows for high clarity
- Crown features ratchet headgear and a soft brow pad
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Item #	Description
30110	Grey ABS Crown with Ratchet Headgear with 8"x15½"x.040 Clear Aluminum Bound Polycarbonate Window
30210	Orange ABS Crown with Ratchet Headgear with 8"x15½"x.040 Clear Aluminum Bound Polycarbonate Window

Crown & Window with Hard Hat Attachment

30112	Grey ABS Crown with Universal Slot Adapter (for Slotted Hard Hats) with 8"x15½"x.040 Clear Aluminum Bound Polycarbonate Window
30113	Grey ABS Crown with Zip-Clip™ Attachment (for Non-Slotted Hard Hats) with 8"x15½"x.040 Clear Aluminum Bound Polycarbonate Window

Crown and Headgear

30100	Grey ABS Crown with Ratchet Headgear
30200	Orange ABS Crown with Ratchet Headgear

Window

37600	8"x15½"x.040 Clear Aluminum Bound Polycarbonate Window
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Item #	Description
31140	White Plastic Crown/Chin Protector, Ratchet Headgear w/ 36040 Clear Anti-Fog Window
32140	White Plastic Crown, Ratchet Headgear w/ 35040 Clear Anti-Fog Window

Windows

35040	8"x12"x.040 Clear Anti-Fog Window
36040	7"x19"x.040 Clear Anti-Fog Window



Item #	Description
Acetate Windows	
37000	8"x16"x.040" Clear Acetate Window
37020	8"x16"x.040" Dark Green Acetate Window (Glare Only)
37040	8"x16"x.040" Clear Anti-Fog Acetate Window
37050	8"x16"x.060" IR Shade 5 Acetate Window

PETG Window

37500	8"x16"x.040 Clear PETG Window
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Polycarbonate Aluminum Bound Windows

37600	8"x15.5"x.040" Clear Polycarbonate Aluminum Bound Window (Fits AllSafe/Kedman Faceshields Only)
37601	8"x15.5"x.040" Clear Polycarbonate Aluminum Bound Window (Fits Jackson Faceshields Only)
37602	8"x15.5"x.040" Clear Polycarbonate Aluminum Bound Window (For use with Sellstrom 61900 Hard Hat Faceshield Adapter Only)

Anti-Fog Medical/Laboratory Faceshields

- Anti-Fog window
- Crown and chin caps offer extra protection from splashes, dust and contaminants
- Chemical splash resistant
- Extreme impact strength
- Available with or without chin protector
- Non-glare finish allows for high clarity
- Meets ANSI Z87.1-2003 Standards

Universal Faceshield Windows

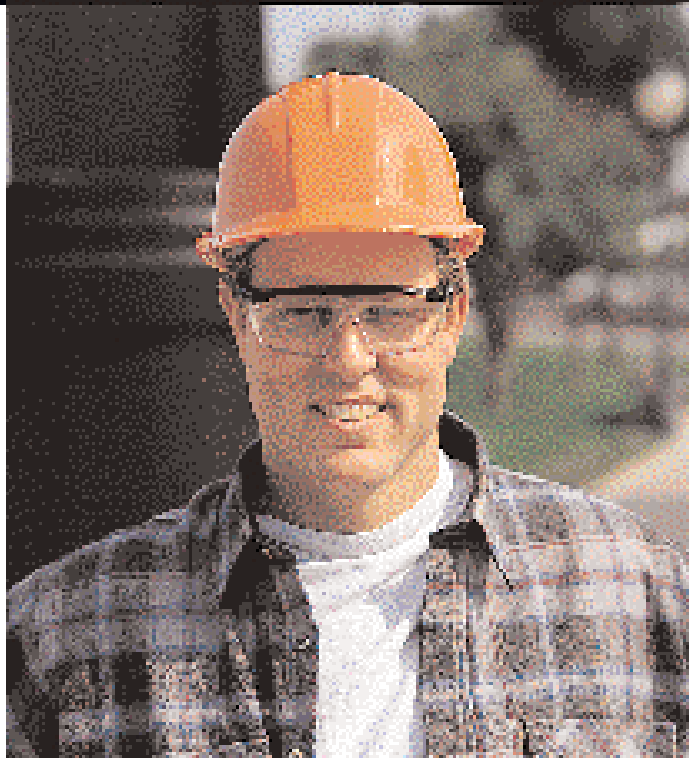
- Universal hole pattern enables these windows to fit in a wide variety of faceshields
- Chemical splash resistant
- Extreme impact strength
- Non-glare finish allows for high clarity
- Meets ANSI Z87.1-2003 Standards

Polycarbonate Windows

37604	9"x15.625"x.040" Clear Polycarbonate Window
37605	8"x11"x.040" Clear Polycarbonate Window
37606	8"x11"x.040" Clear Polycarbonate Window (Fits Fibre Metal-4118 Only)
37607	8"x16.5"x.040" Clear Polycarbonate Window (Fits Fibre Metal-4178 Only)
37608	9.75"x19"x.040" Clear Polycarbonate Window (Fits Fibre Metal-4199 Only)
37609	8"x15.5"x.040" Clear Polycarbonate Window

Molded Propionate Windows

37700	8"x15.5"x.070" Clear Molded Propionate Visor
37701	9"x15"x.060" Clear Molded Polycarbonate Visor



COMFORT & QUALITY

Prevention of head injuries is an important factor in every safety program. A single injury can handicap an employee for life, or it can be fatal. A survey by the Bureau of Labor Statistics (BLS) of accidents and injuries noted that most workers who suffered impact injuries to the head were not wearing head protection. The majority of workers were injured while performing their normal jobs at their regular worksites.

OPTIONS

PinLock suspension

A type of suspension that attaches to the users head with a locking mechanism. Rather like a man's belt. This is the most economical of the suspensions. At this time, all hard hats come with either this suspension or the ratchet suspension below.

Ratchet suspension

A type of suspension with a quick ratchet adjusting knob. This loosens or tightens the hard hat "on the go" with a simple turn of the knob. The pin lock suspension must be removed to be adjusted.

Accessory Slots/Slotted Hard Hats

This is a slot on the sides of many cap-style hard hats which allows accessories such as ear muffs, faceshields, and other headgear to be attached.



Pin Lock [Standard] Suspension

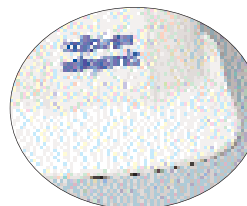


Ratchet Suspension

6 Point Suspension Slotted Hard Hats

- **Pin Lock Suspension** is adjustable and comfortable, holding cap in place even when bending over
- **Ratchet Suspension** is easy to adjust - allows the wearer to modify the fit while wearing
- Impact absorbing 6 point suspension provides lightweight, comfortable protection
- Rain gutter channels rain away from neck and face
- 7 standard pad printing colors or custom colors available
- Meets ANSI Z89.1 Standards for class G, E and C, Type I
- **CE approved**

Custom Imprinting Available



- Customize your hard hat with a company logo or message
- Pad printing available for front, sides and back of hard hats
- Front imprint dimensions: 2" x 2"
- Side and back imprint dimensions: 2" x 3"
- Logo art will be reduced/enlarged to fit imprint area
- Provide art in EPS or JPEG Format
- Indicate color areas of art on separate sheet

Imprint colors available



Item #	Description
Pin Lock [Standard] Suspension	
69000	White Hard Hat with Pin Lock 6 Point Suspension
69010	Yellow Hard Hat with Pin Lock 6 Point Suspension
69020	Orange Hard Hat with Pin Lock 6 Point Suspension
69030	Red Hard Hat with Pin Lock 6 Point Suspension
69040	Blue Hard Hat with Pin Lock 6 Point Suspension
69050	Green Hard Hat with Pin Lock 6 Point Suspension
Ratchet Suspension	
69500	White Hard Hat with Ratchet 6 Point Suspension
69510	Yellow Hard Hat with Ratchet 6 Point Suspension
69520	Orange Hard Hat with Ratchet 6 Point Suspension
69530	Red Hard Hat with Ratchet 6 Point Suspension
69540	Blue Hard Hat with Ratchet 6 Point Suspension
69550	Green Hard Hat with Ratchet 6 Point Suspension
69502AF	White Hard Hat w/ American Flag Logos with Ratchet 6 Point Suspension
Replacement Parts	
60100	Replacement Pin Lock 6 Point Suspension
60500	Replacement Ratchet 6 Point Suspension
60200	Chin Strap
60300	Suspension Sweatband



Hard Cap Hard Hat Retainer
Part No. 61910

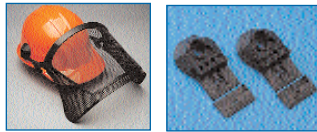


Full Brim Hard Hat Retainer
Part No. 61911

Hard Hat / Goggle Attachments

- Designed for use where protective goggle must be worn with a safety full brim or cap hard hat
- Installs quickly and easily.
- No special tools required
- Dielectric retainer will secure the goggle on the safety cap or hard hat when the goggle is not in use and hold the goggle securely when worn for eye protection
- Goggles, cap or hard hat not included

Item #	Description
61910	Goggle Retainer for Hard Cap Hard Hats
61911	Goggle Retainer for Full Brim Hard Hats



Quick Snap System - Hard Hat / Faceshield Combination

- Attaches ear muffs and faceshields to slotted hard hats
- Lightweight system
- Fits most competitive hard hats
- No special tools required
- Visor/Window bracket constructed of reinforced nylon
- Mesh visor provides ventilation
- Hearing Muffs Noise Reduction Rating of 27.0
- Hard hat meets ANSI Z89.1 Standards for class G, E and C, Type I
- Hard Hat CE approved

Item #	Description
61500	Quick Snap Slot Adapter
61505	Visor Bracket
61510	Pro Muff w/Slot filler for Univ. Use (NRR 27)
61520	Nylon Mesh Visor 6" x 11"
61521	Steel Mesh Visor 6" x 11"
61540	8" x 12" x .060" Clear Polycarbonate Window

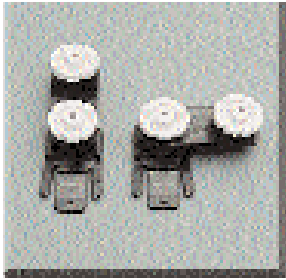


Brush Cutter System - Hard Hat / Faceshield / Ear Muff Combination

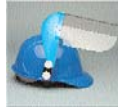
- Attaches ear muffs and faceshields to slotted hard hats
- Ear muffs are adjustable
- Lightweight system
- No special tools required
- Visor/Window bracket constructed of reinforced nylon
- Mesh visor provides ventilation
- Hearing Muffs Noise Reduction Rating of 27.0
- Hard hat meets ANSI Z89.1 Standards for class G, E and C, Type I
- Hard Hat CE Approved

Item #	Description
61590	Brush Cutter System includes: Orange Hard Hat with Ratchet Suspension, Quick Snap Ear Muff Attachment, Visor Bracket and 6" x 11" Nylon Mesh Visor
61510	Quick Snap Ear Muffs (NRR 27)

Hard Hat / Faceshield Adapter



- This totally dielectric slot adapter offers a simple method of attaching faceshields to most slotted hard hats
- Easy to assemble



Item #	Description
61970	Universal Slot Adapter

Dust Mask



- Universal fit
- Nose bridge conforms to any nose
- Quality at an affordable price
- Soft material provides comfortable, secure fit

Item #	Description
22010	Nuisance Dust Mask (1 Box / 50)

Zip-Klip™ Hard Hat Attachment



- Ideal for attaching Sellstrom faceshields & welding helmets to any type of hard hat.
- Use with unslotted hard hats
- Provides a tight secure fit
- Two styles: faceshields, welding helmets

Item #	Description
61700	Zip-Klip Hard Hat Attachment for Welding Helmets
61800	Zip-Klip Hard Hat Attachment for 330 & 390 Series

Winter Liners



- Fight the elements and remain warm with one of three winter liners
- Universal size
- Three tabs keep liner aligned with suspension
- Adjustable chin strap for customized fit

Item #	Description
62110	One Size / Light Weight / Yellow Canton Flannel
62240	One Size / Medium Weight / Blue Cotton Twill with Fleece Lining
62360	One Size / Heavy Weight / green Quilted Cotton Twill with Fleece Lining

Helmet with Hard Hat Adapter



- Offers a simple method of attaching welding helmets to most slotted hard hats
- Provides excellent protection for the head, neck and face
- Welding Helmet meets ANSI Z87.1 Standards

Description
Available with Any Sellstrom Welding Helmet.
Universal Hard Hat Slot Adapter installed instead of headgear.

Faceshield Attachment



- Excellent head, face & neck protection
- Fits Sellstrom & most competitive hard hats
- Meets ANSI Z87.1



Item #	Description
61900	Hard Hat attachment (Made out of Aluminum) for 37600, 37601, 37700 & 37701 windows
37602	8" x 15 1/2" x .040" Clear Window (for use with 61900)
37700	8" x 15 1/2" x .070" Molded Propionate Clear Visor

Sweatbands



- Comfortably keeps perspiration from your eyes and face
- Durable

Item #	Description
22442	Capilair Vinyl Sweatband for Faceshields
22450	450 Sweat-Band All purpose, rubber headband (1 Box / 30)

Chin Strap



- Chin strap provides extra stability and greater mobility.
- Fits Sellstrom 6 point hard hats
- Fits into Universal Slot Adapter tabs
- Soft, absorbent band

Item #	Description
60200	Chin strap for 6 point hard hats



Item #	Description
23405	Tonedown® E100 Electronic Ear Muff

Tonedown® E100 Electronic Ear Muff

- Provides superb hearing protection while allowing the user to carry on a conversation or hear warning calls
- Automatically silences all noises above 85db
- LED power indicator
- On/Off switch with volume control
- Solid-state circuit
- Built-in microphone amplifies low-level sounds
- Comfortable with soft ear cushions
- Adjustable headband
- Powered by 2 AA batteries (not included)
- Noise Reduction Rating of 21.0
- Meets ANSI S3.19 Standards



Item #	Description
--------	-------------

23400	Tonedown® 200 Ear Muff
23441	Replacement Cushion, pair
23442	Replacement Foam, pair
23443	Replacement Headband

Tonedown® 200 Ear Muff

- Adjustable ear cups
- Comfortable tension band
- Bright safety yellow color
- Dielectric
- Replacement Parts Available
- Meets ANSI S3.19
- Noise Reduction Rating of 26.0



Item #	Description
61590	Brush Cutter System includes: Orange Hard Hat with Ratchet Suspension, Quick Snap Ear Muff Attachment, Visor Bracket and 6" x 11" Nylon Mesh Visor
61510	Quick Snap Ear Muffs (NRR 27)

Brush Cutter System - Hard Hat / Faceshield / Ear Muff Combination

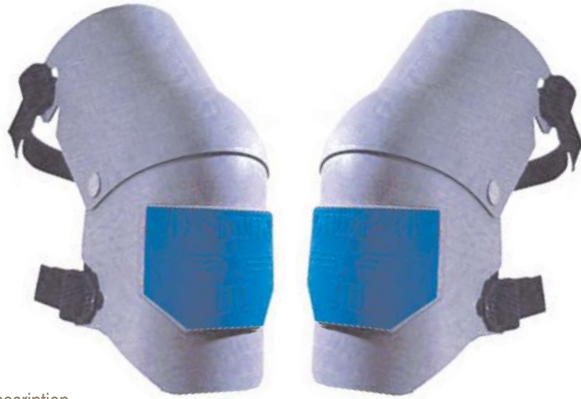
- Attaches ear muffs and faceshields to slotted hard hats
- Ear muffs are adjustable
- Lightweight system
- No special tools required
- Visor/Window bracket constructed of reinforced nylon
- Mesh visor provides ventilation
- Hearing Muffs Noise Reduction Rating of 27.0
- Hard hat meets ANSI Z89.1 Standards for class G, E and C, Type I
- Hard Hat CE Approved



Item #	Description
23461	De-Tone™ Ear Plugs, Un-Corded
23463	De-Tone™ Ear Plugs, Corded

De-Tone™ Ear Plugs

- Conical shape, one size fits all
- Corded or un-corded
- Non-toxic, hypo-allergenic
- Reusable, wash with warm water & mild soap
- Meets ANSI S3.19
- Noise Reduction Rating of 24.0



Knee-Pro Ultra Flex III™ Knee Pads

- Virtually indestructible
- Hard plastic outer shells are extremely strong and durable
- Hinged with metal rivet for ease of movement while kneeling or walking
- Non-Marking Grip-Strip on any surface
- Soft elastic woven straps with reinforced sewn ends are attached well above and below the knee
- Will not bind behind knee
- Lightweight for all-day use
- 1/2" closed cell foam inner foam pad offers the ultimate in comfort and protection
- Speed-clips allow for quick attachment and adjustments
- Made in USA

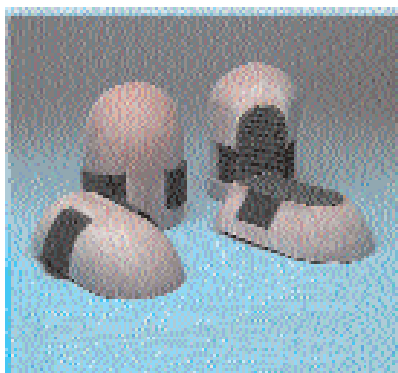
Item #	Description
96110	Knee-Pro Ultra Flex III™ Knee Pads (Comes in Mesh Drawstring Bag)



Pro-Series Knee Pads

- Provides comfort and protection to a variety of work environments
- Lightweight for all-day use
- Velcro straps allow for quick attachment and adjustments
- Will not bind behind knee
- Adapts to the natural movement of the knee
- Economically priced
- Made in USA

Item #	Description
96210	Gentle Knee Pad (a)
96230	Softcap Knee Pad (b)
96240	Fire Retardant Knee Pad (c)
96250	Hardcap Knee Pad (d)



Kneel-Eze® Knee Pads

- Extremely durable, natural sponge rubber molded pad
- Comfortable 2" elastic straps
- Snug and non-binding
- Adjustable hook/loop fastening for quick dressing
- Two styles available
- KE-2 Knee Pad includes a super tough second rubber sole
- Made in USA

Item #	Description
96101	Kneel-Eze® KE-1 Knee Pad w/ strap
96102	Kneel-Eze® KE-2 Knee Pad w/ strap & sole

According to OSHA

The intensity of visible light and radiant energy produced by welding operations varies depending on the task, the electrode size, and the arc current. Workers involved in welding, cutting, and brazing operations must use appropriate welding protection depending on specific welding operations.

Only filter lenses with the appropriate shade number will provide protection against optical radiation. Filter lenses must coincide to specific radiant energy exposure. Welding protectors are constructed of heat resistant material such as vulcanized fiber or fiberglass and fitted with a filtered lens to protect workers eyes from burns caused by infrared or other intense radiant energy. These devices protect the eyes and face from flying sparks, metal spatter, and slag chips produced during welding, brazing, soldering, and cutting.

Welding helmets are secondary protectors intended to shield the eyes and face from optical radiation, heat, and impact. Use welding helmets in addition to primary protection such as safety spectacles or goggles to provide adequate protection.

ANSI Z49.1-2005 Shade Selector Chart

Shade numbers are given as a guide only and may be varied to suit individual needs.

Process	Electrode Size in. (mm)	Arc Current (Amperes)	Minimum Protective Shade	Suggested Shade Number
Shielded Metal Arc Welding (SMAW)	Less than 3/32 (2.4)	Less than 60	7	----
	3/32 - 5/32 (2.4 - 4.0)	60 - 160	8	10
	5/32 - 1/4 (4.0 - 6.4)	160 - 250	10	12
	More than 1/4 (6.4)	250 - 550	11	14
Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW)		Less than 60	7	----
		60 - 160	10	11
		160 - 250	10	12
		250 - 500	10	14
Gas Tungsten Arc Welding (GTAW)		Less than 50	8	10
		50 - 150	8	12
		150 - 500	10	14
Air Carbon Arc Cutting (CAC-A)	(Light)	Less than 500	10	12
	(Heavy)	500 - 1000	11	14
Plasma Arc Welding (PAW)		Less than 20	6	6 to 8
		20 - 100	8	10
		100 - 400	10	12
		400 - 800	11	14
Plasma Arc Cutting (PAC)		Less than 20	4	4
		20 - 40	5	5
		40 - 60	6	6
		60 - 80	8	8
		80 - 300	8	9
		300 - 400	9	12
		400 - 800	10	14
Torch Brazing (TB)		----	----	3 or 4
Torch Soldering (TS)		----	----	2
Carbon Arc Welding (CAW)		----	----	14
		<u>Plate Thickness</u>		<u>Suggested Shade</u>
		in.	mm	Number
Oxyfuel Gas Welding (OFW)	Light	Under 1/8	Under 3	4 or 5
	Medium	1/8 to 1/2	3 to 13	5 or 6
	Heavy	Over 1/2	Over 13	6 or 8
Oxygen Cutting (OC)	Light	Under 1	Under 25	3 or 4
	Medium	1 to 6	25 to 150	4 or 5
	Heavy	Over 6	Over 150	6 or 8



- Durable spatter resistant coating
- Easy filter replacement
- Tough nylon shell
- Lightweight & Ergonomic design
- Available with broad range of ADFs
- Made in USA
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Sunlit Copper Titan® Welding Helmet

Item #	Description
24121	Sunlit Copper Titan® Helmet w/ Matching Bezel
Helmet with Auto-Darkening Filters	
24121-602	Sunlit Copper Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24121-620	Sunlit Copper Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24721-402	Sunlit Copper Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24721-403	Sunlit Copper Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24721-60	Sunlit Copper Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24721-70	Sunlit Copper Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24721-80	Sunlit Copper Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



Carbon Metallic Titan® Welding Helmet

24131	Carbon Metallic Titan® Helmet w/ Matching Bezel
Helmet with Auto-Darkening Filters	
24131-602	Carbon Metallic Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24131-620	Carbon Metallic Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24731-402	Carbon Metallic Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24731-403	Carbon Metallic Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24731-60	Carbon Metallic Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24731-70	Carbon Metallic Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24731-80	Carbon Metallic Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



Stratto Blue Titan® Welding Helmet

24141	Stratto Blue Titan® Helmet w/ Matching Bezel
Helmet with Auto-Darkening Filters	
24141-602	Stratto Blue Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24141-620	Stratto Blue Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24741-402	Stratto Blue Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24741-403	Stratto Blue Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24741-60	Stratto Blue Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24741-70	Stratto Blue Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24741-80	Stratto Blue Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



**NEW AND IMPROVED
RATCHET HEADGEAR
ON ALL MODELS**

Planet Green Titan® Welding Helmet

24151	Planet Green Titan® Helmet w/ Matching Bezel
Helmet with Auto-Darkening Filters	
24151-602	Planet Green Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24151-620	Planet Green Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24751-402	Planet Green Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24751-403	Planet Green Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24751-60	Planet Green Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24751-70	Planet Green Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24751-80	Planet Green Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



Cider Red Titan® Welding Helmet

24171	Cider Red Titan® Helmet w/ Matching Bezel
Helmet with Auto-Darkening Filters	
24171-602	Cider Red Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24171-620	Cider Red Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24771-402	Cider Red Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24771-403	Cider Red Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24771-60	Cider Red Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24771-70	Cider Red Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24771-80	Cider Red Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



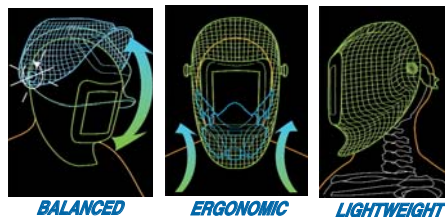
TITANS™ WITH ATTITUDE

All helmets on this page meet ANSI Z87.1 standards and are CUL certified to meet CAN/CSA Z94.3 standards.

- Durable spatter resistant coating
- Easy filter replacement
- Tough nylon shell
- Lightweight & Ergonomic design
- Available with broad range of ADFs
- Made in USA
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards



**NEW AND IMPROVED
RATCHET HEADGEAR
ON ALL MODELS**



TITANS™ WITH ATTITUDE

America Titan® Welding Helmet

Item # Description

24400FBA America Titan® Helmet w/ Black Bezel

Helmet with Auto-Darkening Filters

24400FBA-602	America Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24400FBA-620	America Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24700FBA-402	America Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24700FBA-403	America Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24700FBA-60	America Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24700FBA-70	America Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24700FBA-80	America Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



TITANS™ WITH ATTITUDE

Victory Lane® Welding Helmet

Item # Description

24400FYL Victory Lane Titan® Helmet w/ Black Bezel

Helmet with Auto-Darkening Filters

24400FYL-602	Victory Lane Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24400FYL-620	Victory Lane Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24700FYL-402	Victory Lane Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24700FYL-403	Victory Lane Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24700FYL-60	Victory Lane Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24700FYL-70	Victory Lane Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24700FYL-80	Victory Lane Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



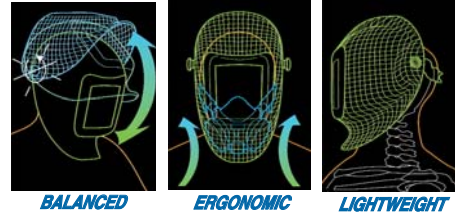
TITANS™ WITH ATTITUDE

All helmets on this page meet ANSI Z87.1 standards and are CUL certified to meet CAN/CSA Z94.3 standards.

- Durable spatter resistant coating
- Easy filter replacement
- Tough nylon shell
- Lightweight & Ergonomic design
- Available with broad range of ADFs
- Made in USA
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards



**NEW AND IMPROVED
RATCHET HEADGEAR
ON ALL MODELS**



TITANS™ WITH ATTITUDE

Finish Line Titan® Welding Helmet

Item #	Description
24400FBL	Finish Line Titan® Helmet w/ Black Bezel
Helmet with Auto-Darkening Filters	
24400FBL-602	Finish Line Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24400FBL-620	Finish Line Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24700FBL-402	Finish Line Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24700FBL-403	Finish Line Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24700FBL-60	Finish Line Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24700FBL-70	Finish Line Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24700FBL-80	Finish Line Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



Freedom Titan® Welding Helmet

Item #	Description
24400FBW	Freedom Titan® Helmet w/ Black Bezel
Helmet with Auto-Darkening Filters	
24400FBW-602	Freedom Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24400FBW-620	Freedom Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24700FBW-402	Freedom Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24700FBW-403	Freedom Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24700FBW-60	Freedom Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24700FBW-70	Freedom Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24700FBW-80	Freedom Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



O'Canada® Welding Helmet

Item #	Description
24400FBC	O'Canada Titan® Helmet w/ Black Bezel
Helmet with Auto-Darkening Filters	
24400FBC-602	O'Canada Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24400FBC-620	O'Canada Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24700FBC-402	O'Canada Helmet w/ 27402 Striker™ Fixed Shade 10ADF
24700FBC-403	O'Canada Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24700FBC-60	O'Canada Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24700FBC-70	O'Canada Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24700FBC-80	O'Canada Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF





BALANCED, ERGONOMIC & LIGHTWEIGHT

Quality materials and design features insure the best helmet available for any job. All Titan® welding helmets are made out of nylon, which is lighter than fiberglass and extremely durable. The patented award winning design of the Titan® provides the user with a balanced, lightweight, ergonomically welding helmet. The 5 1/4" x 4 1/2" front load bezel provides easy loading of filter, cover, and protective plates. Extended crown provides greater overhead protection. Rigid bib deflects welding spatter. Uses standard size filter, cover, impact and magnifier plates. The new and improved ratchet headgear suspension allows user to adjust size and tighten at the turn of a knob. Meets ANSI Z87.1 standards and is CUL-certified to meet CAN/CSA-Z94.3 standards.

OPTIONS

- Helmet Only
- Helmet with Fixed Shade Auto-Darkening Filters
- Helmet with Variable Shade Auto-Darkening Filters
- Helmet with Opto-Magnetic Variable Shade Auto-Darkening Filter

Black Titan® Welding Helmet w/Black Bezel

Item # Description

24400 Black Titan® Helmet w/ Black Bezel

Helmet with Auto-Darkening Filters

24400-602	Black Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24400-610	Black Helmet w/ 27610 Impulse™ Magsense Shade 9-13 ADF
24400-620	Black Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24700-402	Black Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24700-403	Black Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24700-60	Black Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24700-70	Black Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24700-80	Black Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



Black Titan® Welding Helmet w/Silver Bezel

Item # Description

24401 Black Titan® Helmet w/ Silver Bezel

Helmet with Auto-Darkening Filters

24401-602	Black Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24401-620	Black Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24701-402	Black Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24701-403	Black Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24701-60	Black Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24701-70	Black Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24701-80	Black Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF



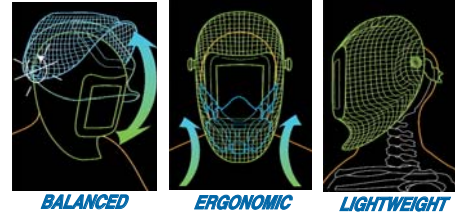
TITANS™

All helmets on this page meet ANSI Z87.1 standards and are CUL certified to meet CAN/CSA Z94.3 standards.

- Durable spatter resistant coating
- Easy filter replacement
- Tough nylon shell
- Lightweight & Ergonomic design
- Available with broad range of ADFs
- Made in USA
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards



**NEW AND IMPROVED
RATCHET HEADGEAR
ON ALL MODELS**



Silver Titan® Welding Helmet

Item #	Description
24411	Silver Titan® Helmet w/ Silver Bezel

Helmet with Auto-Darkening Filters

24411-602	Silver Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24411-620	Silver Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24711-402	Silver Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24711-403	Silver Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24711-60	Silver Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24711-70	Silver Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24711-80	Silver Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF

TITANS™



Blue Titan® Welding Helmet

Item #	Description
24441	Blue Titan® Helmet w/ Silver Bezel

Helmet with Auto-Darkening Filters

24441-602	Blue Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24441-620	Blue Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24741-402	Blue Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24741-403	Blue Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24741-60	Blue Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24741-70	Blue Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24741-80	Blue Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF

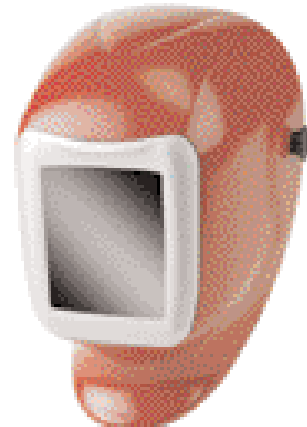


Red Titan® Welding Helmet

Item #	Description
24471	Red Titan® Helmet w/ Silver Bezel

Helmet with Auto-Darkening Filters

24471-602	Red Helmet w/ 27602 Impulse™ XVA Fixed Shade 10 ADF
24471-620	Red Helmet w/ 27620 Impulse™ Ultra Touch Shade 9-12 ADF
24771-402	Red Helmet w/ 27402 Striker™ Fixed Shade 10 ADF
24771-403	Red Helmet w/ 27403 Striker V™ Shade 9-13 ADF
24771-60	Red Helmet w/ 27070-60 Phantom™ Lite XL Shade 9-12 ADF
24771-70	Red Helmet w/ 27070 Phantom™ Plus Shade 9-12 ADF
24771-80	Red Helmet w/ 27080 Phantom™ GTW Shade 9-12 ADF





290 Series Welding Helmets

Quality materials and design features insure the best helmet available for any job. All 290 Series welding helmets are made from **Super Tuff™ nylon which is lighter than fiberglass** and extremely durable. Our **Super Kool™** silver coated helmets are one of the world's toughest thermoplastic resins, shedding spatter without burning and are **30% cooler than uncoated helmets**. The patented Sel-Snap™ lens retention system provides easy loading of filter, cover, and protective plates with no gasket required. Extended crown provides greater overhead protection. Rigid bib deflects welding spatter. Uses standard size filter, cover, impact and magnifier plates. Meets ANSI Z87.1-2003 Standards and is CUL Certified to meet CAN/CSA-Z94.3. All of our 290 Series welding helmets are **made in the USA**.

OPTIONS

- Helmet Only
- Helmet with Fixed Shade Auto-Darkening Filters
- Helmet with Variable Shade Auto-Darkening Filters

290 Series 2" x 4 ¼" Welding Helmets

Item #	Description
29301	Super Tuff™ Black Helmet w/ 2" x 4¼" Sel-Snap™ Lift Front
29311	Super Tuff™, Super Kool™ Silver Coated Helmet w/ 2" x 4¼" Sel-Snap™ Lift Front
29411	Super Tuff™, Super Kool™ Silver Coated Helmet w/ Silver Coated 2" x 4¼" Sel-Snap™ Lift Front
29371	Super Tuff™ Red Coated Helmet with 2" x 4¼" Sel-Snap™ Lift Front
29501	Super Tuff™ Black Helmet with 2" x 4¼" Sel-Snap™ Fixed Front
29511	Super Tuff™, Super Kool™ Silver Coated Helmet w/ 2" x 4¼" Sel-Snap™ Fixed Front
29511-24	Super Tuff™, Super Kool™ Silver Coated Helmet w/ 2" x 4¼" Lift Front Adapter

Helmet with Auto-Darkening Filters

29501-600	2" x 4¼" Fixed Front Super Tuff™ Black Helmet and Ratchet Headgear with 27600 Impulse™ Fixed Shade 10 ADF
29511-600	2" x 4¼" Fixed Front Super Tuff™, Super Kool™ Silver Coated Helmet & Ratchet Headgear with 27600 Impulse™ Fixed Shade 10 ADF



Black 4 ½" x 5 ¼" Welding Helmets

Item #	Description
29901	Super Tuff™ Black Helmet with 4½" x 5¼" Sel-Snap™ Fixed Front
29901-45	4½" x 5¼" Lift Front Adapter with 29901 Helmet

Helmet with Auto-Darkening Filters

29901-601	Super Tuff™ Black Helmet with 4½" x 5¼" Sel-Snap™ Fixed Front and Ratchet Headgear with 27601 Impulse™ XVA Fixed Shade 10 ADF
29901-620	Super Tuff™ Black Helmet with 4½" x 5¼" Sel-Snap™ Fixed Front and Ratchet Headgear with 27602 Impulse™ XVA Fixed Shade 10 ADF
29701-60	Super Tuff™ Black Helmet with 4½" x 5¼" Sel-Snap™ Fixed Front and Ratchet Headgear with 27070-60 Phantom™ Lite XL Shade 9-12 ADF
29701-70	Super Tuff™ Black Helmet with 4½" x 5¼" Sel-Snap™ Fixed Front and Ratchet Headgear with Phantom™ Plus Shade 9-12 ADF
29701-80	Super Tuff™ Black Helmet with 4½" x 5¼" Sel-Snap™ Fixed Front and Ratchet Headgear with 27080 Phantom™ GTW Shade 9-12 ADF



290 Series Super Tuff™ Welding Helmets



**NEW AND IMPROVED
RATCHET HEADGEAR
ON ALL MODELS**

All helmets on this page meet ANSI Z87.1 standards and are CUL certified to meet CAN/CSA Z94.3 standards.

- Molded from the World's Toughest Thermoplastic Resin
- Extended crown provides greater overhead protection
- Easy filter replacement
- Rigid bib deflects welding spatter
- Lightweight
- Super Kool™ coating available
- Uses standard size filter, cover, impact & magnifier plates
- Made in USA
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

Silver 4 1/2" x 5 1/4" Welding Helmets

Item #	Description
29911	Super Tuff™, Super Kool™ Silver Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front
29911-45	4 1/2" x 5 1/4" Lift Front Adapter with 29911 Helmet
Helmet with Auto-Darkening Filters	
29911-601	Super Tuff™, Super Kool™ Silver Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27601 Impulse™ XVA Fixed Shade 10 ADF
29911-620	Super Tuff™, Super Kool™ Silver Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27602 Impulse™ XVA Fixed Shade 10 ADF
29711-60	Super Tuff™, Super Kool™ Silver Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27070-60 Phantom™ Lite XL Shade 9-12 ADF
29711-70	Super Tuff™, Super Kool™ Silver Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with Phantom™ Plus Shade 9-12 ADF
29711-80	Super Tuff™, Super Kool™ Silver Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27080 Phantom™ GTW Shade 9-12 ADF



Blue 4 1/2" x 5 1/4" Welding Helmets

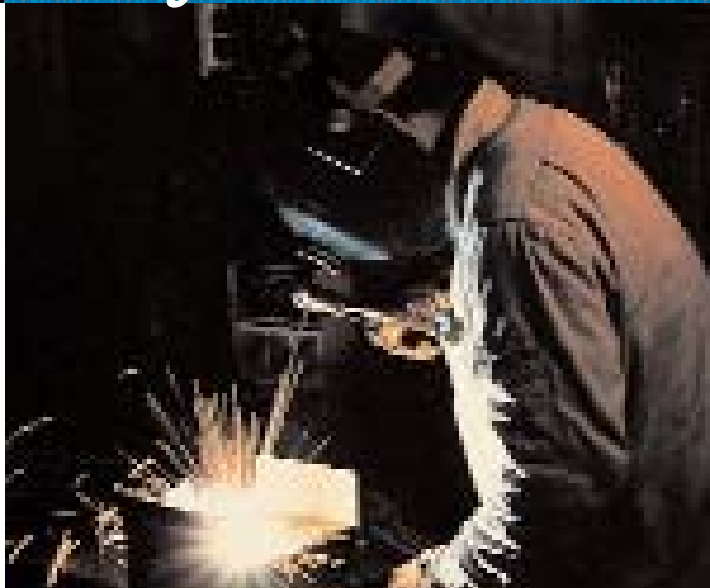
Item #	Description
29941	Super Tuff™ Blue Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front
29941-45	4 1/2" x 5 1/4" Lift Front Adapter with 29941 Helmet
Helmet with Auto-Darkening Filters	
29941-601	Super Tuff™ Blue Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27601 Impulse™ XVA Fixed Shade 10 ADF
29941-620	Super Tuff™ Blue Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27602 Impulse™ XVA Fixed Shade 10 ADF
29741-60	Super Tuff™ Blue Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27070-60 Phantom™ Lite XL Shade 9-12 ADF
29741-70	Super Tuff™ Blue Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with Phantom™ Plus Shade 9-12 ADF
29741-80	Super Tuff™ Blue Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27080 Phantom™ GTW Shade 9-12 ADF



Red 4 1/2" x 5 1/4" Welding Helmets

Item #	Description
29971	Super Tuff™ Red Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front
29971-45	4 1/2" x 5 1/4" Lift Front Adapter with 29971 Helmet
Helmet with Auto-Darkening Filters	
29971-601	Super Tuff™ Red Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27601 Impulse™ XVA Fixed Shade 10 ADF
29971-620	Super Tuff™ Red Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27602 Impulse™ XVA Fixed Shade 10 ADF
29771-60	Super Tuff™ Red Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27070-60 Phantom™ Lite XL Shade 9-12 ADF
29771-70	Super Tuff™ Red Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with Phantom™ Plus Shade 9-12 ADF
29771-80	Super Tuff™ Red Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front and Ratchet Headgear with 27080 Phantom™ GTW Shade 9-12 ADF





- Molded from the World's Toughest Thermoplastic Resin
- Extended crown provides greater overhead protection
- Easy filter replacement
- Rigid bib deflects welding spatter
- Lightweight
- Super Kool™ coating available
- Uses standard size filter, cover, impact & magnifier plates
- Made in USA
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards



**NEW AND IMPROVED
RATCHET HEADGEAR
ON ALL MODELS**

Item # Description

2" x 4 1/4" Helmets

- | | |
|-------|--|
| 28301 | Super Tuff™ Black Helmet w/ 2" x 4 1/4" Lift Front |
| 28311 | Super Tuff™, Super Kool™ Silver Coated Helmet with 2" x 4 1/4" Lift Front |
| 28501 | Super Tuff™ Black Helmet with 2" x 4 1/4" Sel-Snap™ Fixed Front |
| 28511 | Super Tuff™, Super Kool™ Silver Coated Helmet with 2" x 4 1/4" Sel-Snap™ Fixed Front |

4 1/2" x 5 1/4" Helmets

- | | |
|-------|--|
| 28901 | Super Tuff™ Black Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front with Ratchet Headgear |
| 28911 | Super Tuff™, Super Kool™ Silver Coated Helmet with 4 1/2" x 5 1/4" Sel-Snap™ Fixed Front with Ratchet Headgear |

Also available with a variety of Auto-Darkening Filters

280 Series Welding Helmets

All 280 Series welding helmets are made from **Super Tuff™ nylon which is lighter than fiberglass** and extremely durable. Our **Super Kool™** silver coated helmets are one of the world's toughest thermoplastic resins, shedding spatter without burning and are **30% cooler than uncoated helmets**. The patented Sel-Snap™ lens retention system provides easy loading of filter, cover, and protective plates with no gasket required. Extended crown provides greater overhead protection. Rigid bib deflects welding spatter. Uses standard size filter, cover, impact and magnifier plates. Meets ANSI Z87.1-2003 Standards and is CUL Certified to meet CAN/CSA-Z94.3. All of our 280 Series welding helmets are **made in the USA**.

OPTIONS

- Helmet Only
- Helmet with Fixed Shade Auto-Darkening Filters
- Helmet with Variable Shade Auto-Darkening Filters

280 Series Welding Helmets



**COMING
SOON
IN 2008**



Advantage™ Series Welding Helmets



All helmets on this page meet ANSI Z87.1 standards and are CUL certified to meet CAN/CSA Z94.3 standards.

**NEW AND IMPROVED
RATCHET HEADGEAR
ON ALL MODELS**

- Extended crown provides greater overhead protection
- Easy filter replacement
- Rigid bib deflects welding spatter
- Lightweight
- Uses standard size filter, cover, impact & magnifier plates
- Made in USA
- Meets ANSI Z87.1-2003 Standards
- CUL Certified to meet CAN/CSA-Z94.3 Standards

2" x 4 ¼" Lift Front Welding Helmet

Item #	Description
23301	Grey Advantage™ Helmet with 2" x 4 ¼" Lift Front with Ratchet Headgear

Helmet with Auto-Darkening Filters

23301-400	Grey Advantage™ Helmet and Ratchet Headgear with 27400 Striker™ Fixed Shade10 ADF
23301-600	Grey Advantage™ Helmet and Ratchet Headgear with 27600 Impulse™ Fixed Shade10 ADF



2" x 4 ¼" Fixed Front Welding Helmet

Item #	Description
23501	Grey Advantage™ Helmet with 2" x 4 ¼" Fixed Front with Ratchet Headgear

Helmet with Auto-Darkening Filters

23501-400	Grey Advantage™ Helmet and Ratchet Headgear with 27400 Striker™ Fixed Shade 10 ADF
23501-600	Grey Advantage™ Helmet and Ratchet Headgear with 27600 Impulse™ Fixed Shade 10 ADF



4 ½" x 5 ¼" Fixed Front Welding Helmet

Item #	Description
23901	Grey Advantage™ Helmet with 4 ½" x 5 ¼" Fixed Front w/ Ratchet Headgear
2390-45	Grey Advantage™ Helmet with 4 ½" x 5 ¼" Lift Front Adapter with Ratchet Headgear

Helmet with Auto-Darkening Filters

23901-401	Grey Advantage™ Helmet and Ratchet Headgear with 27401 Striker™ Fixed Shade 10 ADF
23901-403	Grey Advantage™ Helmet and Ratchet Headgear with 27403 Striker™V Variable Shade 9-13 ADF
23901-601	Grey Advantage™ Helmet and Ratchet Headgear with 27601 Impulse™ Fixed Shade 10 ADF
23901-620	Grey Advantage™ Helmet and Ratchet Headgear with 27620 Impulse™ Ultra Touch™ Variable Shade 9-12 ADF





Item #	Description
21301	Leather Welding Hood with Ratchet Headgear and 2" x 4 1/4" Sel-Snap™ Lift Front
21301-10	Leather Welding Hood with Ratcher Headgear and 2" x 4 1/4" Sel-Snap™ Lift Front with Shade 10 Plate

Leather Welding Hood

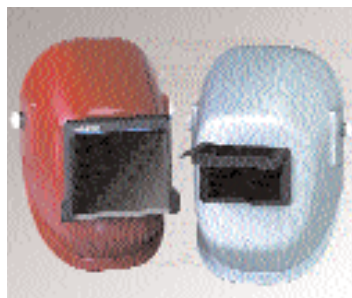
- Features patented Sel-Snap™ lens retention system, providing easy loading of filter, cover and protective plates
- Ratchet headgear suspension allows user to adjust size and tighten at the turn of a knob
- Ideal for tight, confined spaces
- Durable heat resistant material
- Ergonomically designed
- Meets ANSI Z87.1 Standards



Item #	Description
29411-08E	Confined Space Welding Hood; Super Kool™ Silver Coated Cut-Down Hood with 2" x 4 1/4" Sel-Snap™ Lift Front & 2 leather welding bibs

Confined Space Welding Hood

- Features patented Sel-Snap™ lens retention system, providing easy loading of filter, cover and protective plates
- Features Super Kool™ coating, one of the world's toughest thermoplastic resins, shedding spatter without burning and our 30% cooler than uncoated helmets
- Ratchet headgear suspension allows user to adjust size and tighten at the turn of a knob
- Ideal for tight, confined spaces
- Made of durable, high impact nylon
- Meets ANSI Z87.1 Standards



Item #	Description
21200	2" x 4 1/4" Lift Front Adapter Only
21300	4 1/2" x 5 1/4" Lift Front Adapter Only

Lift Front Adapters

- Uses standard size filter, impact and cover plates
- Positive internal spring plate retention
- Durable heat resistant material
- Outstanding design features ultra smooth action flip up window
- Eliminates head bobbing while providing convenience & safety
- Made of durable high impact nylon
- Meets ANSI Z87.1 Standards



Item #	Description
25000-10	Iron Mask® Hand Held Shield with a 2" x 4 1/4" Fixed Front Shade 10 Filter (Cover Plate Included)
27100	Handhole Cap
27101	2" x 4 1/4" Iron Mask™ Retainer

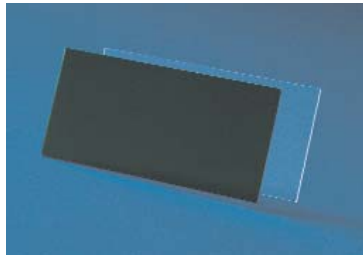
Iron Mask® Hand Held Welding Shield

- Comes with shade 10 plate
- Lightweight
- Easy to hold in either hand
- Uniquely designed for maximum comfort and safety
- Opening fits any size hand with glove
- Removable cap allows for protection when used in right or left hand
- Meets ANSI Z87.1

NOT SURE WHAT SHADE YOU NEED?

SEE PAGE 26 FOR THE ANSI Z49.1-2005

SHADE SELECTION CHART



Item # Description

POLYCARBONATE FILTER PLATES WITH CLEAR COVER PLATES

17109	2" x 4 1/4" Shade 9 Polycarbonate Plate w/ Clear Cover Plate
17110	2" x 4 1/4" Shade 10 Polycarbonate Plate w/ Clear Cover Plate
17111	2" x 4 1/4" Shade 11 Polycarbonate Plate w/ Clear Cover Plate
17112	2" x 4 1/4" Shade 12 Polycarbonate Plate w/ Clear Cover Plate
17209	4 1/2" x 5 1/4" Shade 9 Polycarbonate Plate w/ Clear Cover Plate
17210	4 1/2" x 5 1/4" Shade 10 Polycarbonate Plate w/ Clear Cover Plate
17211	4 1/2" x 5 1/4" Shade 11 Polycarbonate Plate w/ Clear Cover Plate
17212	4 1/2" x 5 1/4" Shade 12 Polycarbonate Plate w/ Clear Cover Plate

POLYCARBONATE FILTER PLATES

16604	2" x 4 1/4" IR/PC Polycarbonate Plate, Shade 4
16605	2" x 4 1/4" IR/PC Polycarbonate Plate, Shade 5
16606	2" x 4 1/4" IR/PC Polycarbonate Plate, Shade 6
16609	2" x 4 1/4" IR/PC Polycarbonate Plate, Shade 9
16610	2" x 4 1/4" IR/PC Polycarbonate Plate, Shade 10
16611	2" x 4 1/4" IR/PC Polycarbonate Plate, Shade 11
16612	2" x 4 1/4" IR/PC Polycarbonate Plate, Shade 12
16709	4 1/2" x 5 1/4" IR/PC Polycarbonate Plate, Shade 9
16710	4 1/2" x 5 1/4" IR/PC Polycarbonate Plate, Shade 10
16711	4 1/2" x 5 1/4" IR/PC Polycarbonate Plate, Shade 11
16712	4 1/2" x 5 1/4" IR/PC Polycarbonate Plate, Shade 12

PLASTIC MAGNIFIER PLATES GLASS MAGNIFIER PLATES

18075	2" x 4 1/4" 0.75 Diopter Plate	18901	2" x 4 1/4" 0.75 Diopter Plate
18100	2" x 4 1/4" 1.00 Diopter Plate	18902	2" x 4 1/4" 1.00 Diopter Plate
18125	2" x 4 1/4" 1.25 Diopter Plate	18903	2" x 4 1/4" 1.25 Diopter Plate
18150	2" x 4 1/4" 1.50 Diopter Plate	18904	2" x 4 1/4" 1.50 Diopter Plate
18175	2" x 4 1/4" 1.75 Diopter Plate	18905	2" x 4 1/4" 1.75 Diopter Plate
18200	2" x 4 1/4" 2.00 Diopter Plate	18906	2" x 4 1/4" 2.00 Diopter Plate
18225	2" x 4 1/4" 2.25 Diopter Plate	18907	2" x 4 1/4" 2.25 Diopter Plate
18250	2" x 4 1/4" 2.50 Diopter Plate	18908	2" x 4 1/4" 2.50 Diopter Plate



Item # Description

LONG LIFE CR-39 POLYCARBONATE COVER PLATES

19002	2" x 4 1/4" CR-39 Clear Cover Plate
19004	4 1/2" x 5 1/4" CR-39 Clear Cover Plate

ECONOMY POLYCARBONATE COVER PLATES

19502	2" x 4 1/4" Clear Cover Plate (Bulk Packed 1 Box / 1000)
19504	4 1/2" x 5 1/4" Clear Cover Plate (Bulk Packed 1 Box / 500)
19512	2" x 4 1/4" Clear Cover Plate (Individually Enveloped 1 Box / 100)
19514	4 1/2" x 5 1/4" Clear Cover Plate (Individually Enveloped 1 Box / 50)

GLASS COVER PLATES

19602	2" x 4 1/4" Clear Glass Cover Plate (Bulk Packed 1 Box / 24)
19604	4 1/2" x 5 1/4" Clear Glass Cover Plate (Bulk Packed 1 Box / 30)
19606	2" x 4 1/4" Clear Glass Cover Plate (Bulk Packed 1 Box / 1000)

Welding Plates

- Provides UV/IR Protection for your eyes
- Durable heat resistant material
- Meets ANSI Z87.1

GOLD COATED POLYCARBONATE FILTER PLATES

18509	2" x 4 1/4" Gold Coated Polycarbonate Plate, Shade 9
18510	2" x 4 1/4" Gold Coated Polycarbonate Plate, Shade 10
18511	2" x 4 1/4" Gold Coated Polycarbonate Plate, Shade 11
18512	2" x 4 1/4" Gold Coated Polycarbonate Plate, Shade 12
18709	4 1/2" x 5 1/4" Gold Coated Polycarbonate Plate, Shade 9
18710	4 1/2" x 5 1/4" Gold Coated Polycarbonate Plate, Shade 10
18711	4 1/2" x 5 1/4" Gold Coated Polycarbonate Plate, Shade 11
18712	4 1/2" x 5 1/4" Gold Coated Polycarbonate Plate, Shade 12

HEAT TREATED GLASS FILTER PLATES

16510	2" x 4 1/4" Heat Treated Glass Filter Plate, Shade 10
16511	2" x 4 1/4" Heat Treated Glass Filter Plate, Shade 11
16512	2" x 4 1/4" Heat Treated Glass Filter Plate, Shade 12
16309	4 1/2" x 5 1/4" Heat Treated Glass Filter Plate, Shade 9
16310	4 1/2" x 5 1/4" Heat Treated Glass Filter Plate, Shade 10
16311	4 1/2" x 5 1/4" Heat Treated Glass Filter Plate, Shade 11
16312	4 1/2" x 5 1/4" Heat Treated Glass Filter Plate, Shade 12

GOLD COATED HEAT TREATED GLASS FILTER PLATES

16809	2" x 4 1/4" Gold Coated Heat Treated Glass Filter Plate, Shade 9
16810	2" x 4 1/4" Gold Coated Heat Treated Glass Filter Plate, Shade 10
16811	2" x 4 1/4" Gold Coated Heat Treated Glass Filter Plate, Shade 11
16812	2" x 4 1/4" Gold Coated Heat Treated Glass Filter Plate, Shade 12
16909	4 1/2" x 5 1/4" Gold Coated Heat Treated Glass Filter Plate, Shade 9
16910	4 1/2" x 5 1/4" Gold Coated Heat Treated Glass Filter Plate, Shade 10
16911	4 1/2" x 5 1/4" Gold Coated Heat Treated Glass Filter Plate, Shade 11
16912	4 1/2" x 5 1/4" Gold Coated Heat Treated Glass Filter Plate, Shade 12

Cover Plates

- Protect filter plates from pitting and scratching
- Durable heat resistant material
- Made of durable materials
- Meets ANSI Z87.1

GASKET WITH POLYCARBONATE COVER

19220	Neoprene Gasket with 2" x 4 1/4" Clear Cover Plate
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POLYCARBONATE IMPACT PLATES

18402	2" x 4 1/4" PCP Polycarbonate Plate
18403	2.6" x 4 1/4" PCP Polycarbonate Plate

Metric Conversion Chart

2" x 4 1/4"	(5.08 cm x 10.80 cm)
4 1/2" x 5 1/4"	(11.43 cm x 13.34 cm)
2.6" x 4 1/4"	(6.60 cm x 10.80 cm)

Arc welding without protection is dangerous. Impulse™ auto-darkening filters and helmets by Sellstrom provide reliable protection against UV/IR emissions, heat, sparks and spatters in both the dark and light state. When striking an arc, the filter automatically darkens and provides the following advantages; hands free use, UV/IR protection for your eyes and skin, faster and more efficient welding, better quality and less fatigue.



Item #	Description
24400-610	Black Titan® Helmet w/ 27610 Impulse™ Magsense Variable Shade 9-13 Auto-Darkening Filter (with external controls)
24141-610	Stratto Blue Titan® Helmet w/ 27610 Impulse™ Magsense Variable Shade 9-13 Auto-Darkening Filter (with external controls)
27610	Impulse™ Magsense Variable Shade 9-13 Auto-Darkening Filter (with external controls)
27611	Impulse™ Magsense Variable Shade 9-13 Auto-Darkening Filter (with internal controls)
19507	2" x 4.21" x .040" Polycarbonate Back Cover Plate

Impulse™ MAGSENSE™ Shade 9-13 Auto-Darkening Filter

- **First filter with optical and magnetic sensors!**
- **FAILSAFE - ABSOLUTELY NO FLICKERING**
- Dual-mode filter that sees and feels
- Patented variable optomagnetic sensors can be adjusted from zero to six feet in range
- Prevents premature switching and flickering where arc is temporarily hidden obscured
- Variable Shade 9-13
- Switching Speed: Up to 0.1ms
- Active Viewing Area: 1.6" x 3.8"
- **3 Year Warranty - Industry Best!**
- Meets ANSI Z87.1-2003 Standards



Item #	Description
27620	Impulse™ Ultra Touch Variable Shade 9-12 Auto-Darkening Filter with Adjustable Sensitivity and Delay comes with 4 1/2" x 5 1/4" and 5 1/4" x 4 1/2" Horizontal and Vertical Adapters
19508	2" x 4" x .031" Polycarbonate Back Cover Plate



Shade 9-13 Auto-Darkening Filter

- Push button controls
- Variable shade, sensitivity and delay
- Easy to read display settings
- Extra large viewing area
- Fits most welding helmets
- Filter comes with both a horizontal and vertical adapter
- Variable Shade 9-12
- Switching Speed: Varies 0.15s - 1.0s
- Active Viewing Area: 1.9" x 3.8"
- **3 Year Warranty - Industry Best!**
- Meets ANSI Z87.1-2003 Standards



Item #	Description
27601	Impulse™ XVA 4 1/2" x 5 1/2" Fixed Shade 10 Auto-Darkening Filter with an EXTENDED VIEWING AREA OF 4" x 4 1/2"
27602	Impulse™ XVA 5 1/2" x 4 1/2" Fixed Shade 10 Auto-Darkening Filter with an EXTENDED VIEWING AREA OF 3.2" x 5"



Fixed Shade 10 Auto-Darkening Filters

- **Edge to Edge Viewing Area**
- Patented ultra thin design
- Solar powered with dual sensors
- Water resistant
- Fits most welding helmets
- Fixed Shade 10
- Switching Speed: Up to 0.3ms
- Active Viewing Area: 1.6" x 3.8"
- **3 Year Warranty - Industry Best!**
- Meets ANSI Z87.1-2003 Standards



Item #	Description
27600	Impulse™ 2 1/2" x 4 1/4" Fixed Shade 10 Auto-Darkening Filter



2 1/2" x 4 1/4" Fixed Shade 10 Auto-Darkening Filter

- Patented ultra thin design
- Solar powered with dual sensors
- Water resistant
- Fits most welding helmets
- Fixed Shade 10
- Switching Speed: Up to 0.3ms
- Active Viewing Area: 1.4" x 3.4"
- **3 Year Warranty - Industry Best!**
- Meets ANSI Z87.1-2003 Standards

Arc welding without protection is dangerous. Striker™ auto-darkening filters and helmets by Sellstrom provide reliable protection against UV/IR emissions, heat, sparks and spatters in both the dark and light state. When striking an arc, the filter automatically darkens and provides the following advantages; hands free use, UV/IR protection for your eyes and skin, faster and more efficient welding, better quality and less fatigue.

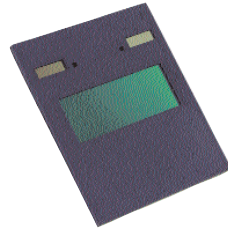


Item #	Description
27400	Striker™ 2 ½" x 4 ¼" Fixed Shade 10 Auto-Darkening Filter
27400-11	Striker™ 2 ½" x 4 ¼" Fixed Shade 11 Auto-Darkening Filter
19012	2" x 4" x .040" Polycarbonate Back Cover Plate



2 1/2" x 4 1/4" Fixed Shade 10 Auto-Darkening Filter

- Solar powered with dual sensors
- Provides full protection against UV/IR rays at all shades and in off position
- Increases welding speed & accuracy
- Light Shade 3
- Fixed Shade10
- Switching Speed: Up to 1.0ms
- Viewing Area: 3.43" x 1.30"
- 2 Year Warranty
- Meets ANSI Z87.1-2003 Standards



Item #	Description
27401	Striker™ 4 ½" x 5 ¼" Fixed Shade 10 Auto-Darkening Filter
27401-11	Striker™ 4 ½" x 5 ¼" Fixed Shade 11 Auto-Darkening Filter
19014	5" x 4" x .040" Polycarbonate Back Cover Plate



4 1/2" x 5 1/4" Fixed Shade 10 Auto-Darkening Filter

- Solar powered with dual sensors
- Provides full protection against UV/IR rays at all shades and in off position
- Increases welding speed & accuracy
- Light Shade 3
- Fixed Shade10
- Switching Speed: Up to 1.0ms
- Viewing Area: 3.43" x 1.30"
- 2 Year Warranty
- Meets ANSI Z87.1-2003 Standards



Item #	Description
27402	Striker™ 5 ¼" x 4 ½" Fixed Shade 10 Auto-Darkening Filter
27402-11	Striker™ 5 ¼" x 4 ½" Fixed Shade 11 Auto-Darkening Filter
19014	5" x 4" x .040" Polycarbonate Back Cover Plate



5 1/4" x 4 1/2" Fixed Shade 10 Auto-Darkening Filter

- Solar powered with dual sensors
- Provides full protection against UV/IR rays at all shades and in off position
- Increases welding speed & accuracy
- Light Shade 3
- Fixed Shade10
- Switching Speed: Up to 1.0ms
- Viewing Area: 3.43" x 1.30"
- 2 Year Warranty
- Meets ANSI Z87.1-2003 Standards



Item #	Description
27403	Striker V™ Variable Shade 9-13 Auto-Darkening Filter with Adjustable Sensitivity and Delay with 4 1/2" x 5 1/4" and 5 1/4"x 4 1/2" Horizontal and Vertical Adapters
19016	1.82" x 4" x .020" Polycarbonate Back Cover Plate



Variable Shade 9-13 Auto-Darkening Filter

- Solar powered with dual sensors
- Provides full protection against UV/IR rays at all shades and in off position
- Increases welding speed & accuracy
- Light Shade 4
- Variable Shade9-13
- Switching Speed: Up to 1.0ms
- Viewing Area: 3.78" x 1.61"
- 2 Year Warranty
- Meets ANSI Z87.1-2003 Standards

Arc welding without protection is dangerous. Phantom® auto-darkening filters and helmets by Sellstrom provide reliable protection against UV/IR emissions, heat, sparks and spatters in both the dark and light state. When striking an arc, the filter automatically darkens and provides the following advantages; hands free use, UV/IR protection for your eyes and skin, faster and more efficient welding, better quality and less fatigue. Phantom® offers the world's fastest switching speed auto-darkening filter powered by batteries.



Item #	Description
27080	Phantom® GTW Variable Sh. 9-12 Auto-Darkening Filter with Adjustable Sensitivity and Delay with 4 1/2" x 5 1/4" and 5 1/4"x 4 1/2" Horizontal and Vertical Adapters
18403	2.6 x 41/4 Inside Impact Plate



Shade 9-12 Auto-Darkening Filter

- Grind (Sh. 3), Torch (Sh. 5) and Weld (Sh. 9-12) with only one filter!
- Filter comes with both a horizontal and vertical adapter
- Battery powered with low battery indicator
- Provides full protection against UV/IR rays at all shades and in off position
- Increases welding speed and accuracy
- Light Shade 3
- Variable Shade 9-12
- Switching Speed: Up to 0.08ms
- Viewing Area: 2.36" x 3.84"
- 2 Year Warranty
- Meets ANSI Z87.1-2003 Standards



Item #	Description
27070-60	Phantom® Lite XL Variable Shade 9-12 Auto-Darkening Filter with Adjustable Sensitivity and Delay with 4 1/2" x 5 1/4" and 5 1/4"x 4 1/2" Horizontal and Vertical Adapters
18403	2.6 x 41/4 Inside Impact Plate



Shade 9-12 Auto-Darkening Filter

- Filter comes with both a horizontal and vertical adapter
- Battery powered with low battery indicator
- Provides full protection against UV/IR rays at all shades and in off position
- Increases welding speed and accuracy
- Light Shade 2.75
- Variable Shade 9-12
- Switching Speed: Variable 0.1 to 1.0s
- Viewing Area: 2.36" x 3.84"
- 2 Year Warranty
- Meets ANSI Z87.1-2003 Standards



Item #	Description
27070	Phantom® Plus Variable Shade 9-12 Auto-Darkening Filter with Adjustable Sensitivity and Delay with 4 1/2" x 5 1/4" and 5 1/4"x 4 1/2" Horizontal and Vertical Adapters
27072	Replacement Battery Cover
18402	Replacement Rear Safety Plate Spacer 2 x 4 1/4 Inside Impact Plate



Shade 9-12 Auto-Darkening Filter

- Filter comes with both a horizontal and vertical adapter
- Battery powered with low battery indicator
- Provides full protection against UV/IR rays at all shades and in off position
- Increases welding speed and accuracy
- Light Shade 4
- Variable Shade 9-12
- Switching Speed: Variable 0.1 to 1.0s
- Viewing Area: 1.56" x 3.86"
- 2 Year Warranty
- Meets ANSI Z87.1-2003 Standards

Slotted Hard Hat Adapter



Item #	Description
61970	Universal Slot Adapter Only

- Dielectric slot adapter offers a simple method of attaching welding helmets to most slotted hard hats
- Provides excellent protection for the head, neck and face
- Meets ANSI Z87.1 Standards

Available with Any Sellstrom Welding Helmet.
Universal Hard Hat Slot Adapter Installed Instead of headgear.

Sweatbands



Item #	Description
22450	Sweat-Band™ All purpose, rubber headband
22464	Neoprene band for pipe-liner headgear
27000	Sweatband for welding headgear

- Comfortably keeps perspiration from your eyes and face
- Durable

Protective Bib



Item #	Description
21100	Welder's Protective Bib (attaches to the inside of most welding helmets)

- Protects against sparks & spatter
- Protection from infrared and UV rays
- Velcro straps make bib easy to attach and remove

Zip-Klip® Attachment



Item #	Description
61800	Zip-Klip® Hard Hat attachment for 301, 330, 390 & DP4 Faceshields
61700	Zip-Klip® Hard Hat attachment for Welding Helmets

- Ideal for attaching welding helmets to non-slotted hard hats
- Ensures tight secure fit
- Durable



Item #	Description
27001	

Retainers Parts & Accessories

27101	Sel-Snap® 2" x 4 1/4" Retainer
27104	Sel-Snap® 4 1/2" x 5 1/4" Retainer
27110	293 Lift Front Replacement Kit for Sel-Snap® Retainer
27300	S Lift Front 2" x 4 1/4" Retainer Complete
27301	Inside Front Spring for "S" Lift Front Retainer
27304	Back Spring for all helmets other than "S" Lift Front & Pipe-Line Retainer

Headgear

22464	Neoprene Band for Pipe-Liner Headgear
27001	NEW Kwik-Release™ Black Drop Down Ratchet Headgear
27003	Black Ratchet Headgear for all 233, 235 & 239 Series Helmets
27004	Plastic Positive Lock Headgear

Headgears, Gaskets and Retainers

- A variety of headgears are available providing the best possible fit
- **Pin Lock Suspension** is adjustable and comfortable, holding cap or faceshield in place even when bending over
- **Ratchet Suspension** is easy to adjust - allows the wearer to modify the fit while wearing
- Handy ratchet headgear repair kit
- Meets ANSI Z87.1 Standards

Ratchet Headgear Repair Kit for Welding Helmets

22955	Ratchet Headgear Repair Kit for all Welding Helmets
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Gaskets

19220	Neoprene Gasket 2" x 4 1/4" with cover plate
27303	2" x 4 1/4" Gasket

Plate Goggle



- 2" x 41/4" replaceable lens
- Direct vent
- Flexible green PVC body
- Uses standard size filter, cover impact & magnifier plates
- Meets ANSI Z87.1
- CUL Certified to meet CAN/CSA Z94.3 Standards

Lift Front Lens Cover Goggle



- 50mm replaceable lenses
- Direct vent
- Flexible green PVC body
- Meets ANSI Z87.1
- CUL Certified to meet CAN/CSA Z94.3 Standards

Lift Front Plate Goggle



- 2" x 41/4" replaceable lift front lens
- Direct vent
- Flexible green PVC body
- Uses standard size filter, cover impact & magnifier plates
- Meets ANSI Z87.1
- CUL Certified to meet CAN/CSA Z94.3 Standards

Eye Cup Goggle



- 50mm replaceable lenses
- Meets ANSI Z87.1
- CUL Certified to meet CAN/CSA Z94.3 Standards

Lens Cover Goggle



- 50mm replaceable lens
- Direct vent
- Flexible green PVC body
- Meets ANSI Z87.1
- CUL Certified to meet CAN/CSA Z94.3 Standards

IR Cutting Goggle



- Protection from infrared & ultraviolet rays
- Flexible vinyl body
- Indirect vent with regular lens
- Non vent with fog-free lens
- Meets ANSI Z87.1
- CUL Certified to meet CAN/CSA Z94.3 Standards

Replacement Lenses for Welding Goggles

Item No. Description

04704	Shade 4 Flat Impact Resistant Ultra-Polycarbonate Lenses
04705	Shade 5 Flat Impact Resistant Ultra-Polycarbonate Lenses
04706	Shade 6 Flat Impact Resistant Ultra-Polycarbonate Lenses
04501	Clear Flat 50mm Polycarbonate Lenses
15020	Clear Glass Cover Lenses, 50mm Round, Flat per pair
15050	Clear Plastic Cover Lenses, CR-39, 50mm Round, Flat per pr
84051	Shade 5 Acetate Lens for Single Lens Goggle
84052	Shade 5 Fog-Free Lens for Single Lens Goggle
80243	Shade 5 IR Lens for Odyssey@II Goggle

Odyssey^{II}

Sh. 5 Goggle



- Shade 5 IR Lens
- Ultra comfortable, soft goggle body for a snug seal
- Indirect vents ports top & bottom protecting against liquids and dust while permitting indirect ventilation
- Extra wide peripheral vision
- Fits over prescription eyewear
- Meets ANSI Z87.1-2003 Standards
- Meets CAN/CSA Z94.3 Standards

Welding Goggles (Described above)	Odyssey II	Plate	Lift Front Plate	Lens Cover	Lift Front Lens Cover	Eye Cup	IR Cutting
Clear	80200					85110	
Shade 4		85440	85540	85240		85140	
Shade 5	80211	85450	85550	85250	85350	85150	
Shade 6			85560			85160	
Indirect Vent Shade 5							86020
Non Vent Shade 5 Fog Free							86030
Replacement 50mm Shade 4/pair				04704	04704	04704	
Replacement 50mm Shade 5/pair				04705	04705	04705	
Replacement 50mm Shade 6/pair				04706	04706	04706	
Replacement 50 mm Clear Protective Impact Lens				04501	04501	04501	
Replacement 50 mm Clear glass Cover				15020	15020	15020	
Replacement 50 mm Clear Plastic Cover				15050	15050	15050	
Replacement IR Shade 5	80243						84051
Replacement IR Shade 5 Fog Free							84052

Helmet and/or Faceshield Floor Display



29396 Four Unit Helmet/Faceshield Floor Display FREE with the purchase of ANY MIX of 12 Sellstrom Welding Helmets and/or Faceshields (Point of Sale Sign Included)



Welding Goggles

Shade 5 Odyssey II Goggle Individually Packaged in Clear Clam

80211 Shade 5 Odyssey® II Goggle

Eye Cup Goggle Individually Packaged in Clear Clam

85115 Clear 50mm Ultra Polycarbonate Lens Eye Cup Goggle

85145 Shade 4, 50mm Ultra Polycarbonate Lens Eye Cup Goggle

85155 Shade 5, 50mm Ultra Polycarbonate Lens Eye Cup Goggle

85165 Shade 6, 50mm Ultra Polycarbonate Lens Eye Cup Goggle

Lens Cover Goggle Individually Packaged in Clear Clam

85245 Shade 4, 50mm Ultra Polycarbonate Lens Cover Goggle

85255 Shade 5, 50mm Ultra Polycarbonate Lens Cover Goggle

85265 Shade 6, 50mm Ultra Polycarbonate Lens Cover Goggle

Lift Front Cover Goggle Individually Packaged in Clear Clam

85355 Shade 5, 50mm Ultra Polycarbonate Lens Cover Goggle

Plate Goggle Individually Packaged in Clear Clam

85445 Shade 4, 2" x 4 1/4" Lens Plate Goggle

85455 Shade 5, 2" x 4 1/4" Lens Plate Goggle

85465 Shade 6, 2" x 4 1/4" Lens Plate Goggle

Lift Front Plate Goggle Individually Packaged in Clear Clam

85545 Shade 4, 2" x 4 1/4" Lens Lift Front Plate Goggle

85555 Shade 5, 2" x 4 1/4" Lens Lift Front Plate Goggle

85565 Shade 6, 2" x 4 1/4" Lens Lift Front Plate Goggle

SPATTERGUARD-FM™ Hot Work Fabrics

Until very recently, fabrics used for hot work (like welding and cutting) have been given only brief mention in related safety standards. For instance, NFPA 51B simply calls for the use of “fire-resistant tarpaulins” or “fire-retardant or non-combustible materials” during hot work operations.

At the same time, FM Global - a major insurer, and also active on NFPA 51B - was studying 600 of its clients' hot work losses over a 10 year period and determined that almost 90% were due to poor hot work safety guidelines. Property loss was \$750 million, with an average of \$1.3 million per fire.

Its testing laboratory - FM Approvals (formerly Factory Mutual Research) - set out to improve hot work management policies by developing a PERFORMANCE-BASED standard for fabrics, which would work hand-in-hand with tightened safety standards.

By 2002, FM Approvals introduced the new standard FM 4950, Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations.

As a leader in safety products for over 85 years, Sellstrom now offers 17 NEW FM Approved Hot Work Fabrics that have undergone the rigorous testing and approval process conducted by FM Approvals.

CAUTION: All fabrics are potentially subject to burn-through. To be effective, fabrics used for welding protection purposes must be utilized as part of a fire prevention system. They should always be employed in accordance with the procedures set forth in NFPA 51B Hot Work Standards.

FM Approved Welding Pads

Item #	Description
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96% Amorphous Silica FM Fabric - 36oz.

97604-1	6' x 6' (36 oz.) Welding Pad - Thickness: 0.054", Temp:1800°F/ 1000°C
97605-1	6' x 8' (36 oz.) Welding Pad - Thickness: 0.054", Temp:1800°F/ 1000°C
97600-1	Custom Roll & Fabrication FM Approved 36oz. Amorphous Silica Welding Pad Fabric (Thickness:0.054",Temp:1800°F/ 1000°C)

96% Amorphous Silica FM Fabric - 40oz.

97600-2	Custom Roll & Fabrication FM Approved 40oz. Amorphous Silica Welding Pad Fabric (Thickness:0.090",Temp:1800°F/ 1000°C)
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100% Carbon-Fiberglass Composite FM Fabric - 20oz.

97604-3	6' x 6' (20 oz.) Welding Pad - Thickness: 0.150", Temp:500°F/ 260°C
97605-3	6' x 8' (20 oz.) Welding Pad - Thickness: 0.150", Temp:500°F/ 260°C
97600-3	Custom Roll & Fabrication FM Approved 20oz. Carbon-Fiberglass Welding Pad Fabric (Thickness: 0.150",Temp:500°F/ 260°C)

Vermiculite Treated Fiberglass FM Fabric - 75oz.

97600-4	Custom Roll & Fabrication FM Approved 75oz. Fiberglass (coated with Vermiculite-Silicone on one side) Welding Pad Fabric (Thickness: 0.115",Temp:500°F/ 260°C)
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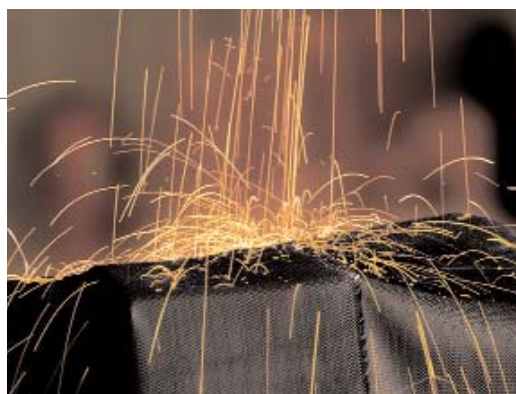
Heat resistant fabrics designed to be placed directly under a hot work operation such as welding or cutting. Intended for use in **horizontal applications with severe exposures** such as that resulting from molten substances or heavy horizontal welding. When properly used, designed to prevent the ignition of combustibles that are located adjacent to the underside of the pad. Note: Pads may be used as blankets, and blankets may be used as curtains.

FM Approved Welding Blankets

Item #	Description
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96% Silica - with Silicone on One Side- FM Fabric - 29oz.

97604-5	6' x 6' (29 oz.) Welding Blanket - Thickness: 0.047", Temp:500°F/ 260°C
97605-5	6' x 8' (29 oz.) Welding Blanket - Thickness: 0.047", Temp:500°F/ 260°C
97600-5	Custom Roll & Fabrication FM Approved 29oz. Amorphous Silica (coated on one side with Silicone) Welding Blanket Fabric (Thickness:0.047",Temp:500°F/ 260°C)



Heat resistant fabrics designed to be placed in the vicinity of a hot work operation. Intended for use in **horizontal applications with light to moderate exposures** such as that resulting from chipping, grinding, heat treating, sand blasting and light horizontal welding. When properly used, designed to prevent the ignition of combustibles such as wood that are located adjacent to the underside of the blanket. Note: Blankets may be used as curtains.

FM Approved Welding Curtains

Item # Description

96% Silica FM Fabric - 12.5 oz.

97600-6 Custom Roll & Fabrication FM Approved 12.5oz. Amorphous Silica Welding Curtian Fabric (Thickness:0.028", Temp:1800°F/ 1000°C)

96% Silica w/Harness Crow Foot Weave FM Fabric - 18 oz.

97600-7 Custom Roll & Fabrication FM Approved 18oz. Amorphous Silica Welding with Harness Crow Foot Weave Curtian Fabric (Thickness:0.030", Temp:1800°F/ 1000°C)

96% Silica w/Harness Stain Weave FM Fabric - 18 oz.

97600-8 Custom Roll & Fabrication FM Approved 18oz. Amorphous Silica Welding with Harness Stain Weave Curtian Fabric (Thickness:0.026", Temp:1800°F/ 1000°C)

96% Silica FM Fabric - 24oz.

97604-9 6' x 6' (24 oz) Welding Curtian-Thickness: 0.040",Temp:1800°F/ 1000°C

97605-9 6' x 8' (24 oz) Welding Curtian-Thickness: 0.040",Temp:1800°F/ 1000°C

97600-9 Custom Roll & Fabrication FM Approved 24oz. Amorphous Silica Welding Curtian Fabric (Thickness:0.040", Temp:1800°F/ 1000°C)

100% Fiberglass Black FM Fabric - 13oz.

97600-10 Custom Roll & Fabrication FM Approved 13oz. Black Fiberglass Welding Curtian Fabric (Thickness: 0.016", Temp:1000°F/ 540°C)

100% Fiberglass FM Fabric - 18oz.

97604-11 6' x 6' (18 oz) Welding Curtian-Thickness: 0.036",Temp:1000°F/ 540°C

97605-11 6' x 8' (18 oz) Welding Curtian-Thickness: 0.036",Temp:1000°F/ 540°C

97600-11 Custom Roll & Fabrication FM Approved 18oz. Fiberglass Welding Curtian Fabric (Thickness: 0.036", Temp:1000°F/ 540°C)

100% Fiberglass FM Fabric - 24oz.

97604-12 6' x 6' (24 oz) Welding Curtian-Thickness: 0.055",Temp:1000°F/ 540°C

97605-12 6' x 8' (24 oz) Welding Curtian-Thickness: 0.055",Temp:1000°F/ 540°C

97600-12 Custom Roll & Fabrication FM Approved 24oz. Fiberglass Welding Curtian Fabric (Thickness: 0.055", Temp:1000°F/ 540°C)

100% Fiberglass Coated w/ Silicone FM Fabric - 14oz.

97604-13 6' x 6' (14 oz) Welding Curtian-Thickness: 0.013",Temp:500°F/ 260°C

97605-13 6' x 8' (14 oz) Welding Curtian-Thickness: 0.013",Temp:500°F/ 260°C

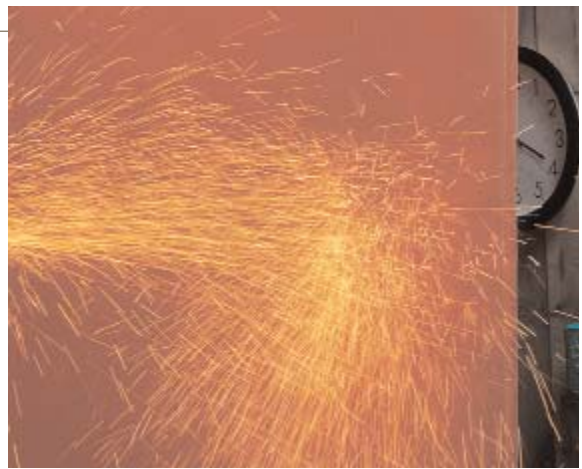
97600-13 Custom Roll & Fabrication FM Approved 14oz. Fiberglass (coated with Silicone) Welding Curtian Fabric(Thickness: 0.013", Temp:500°F/ 260°C)

100% Fiberglass Coated w/ Silicone FM Fabric - 17oz.

97604-14 6' x 6' (17 oz) Welding Curtian-Thickness: 0.016",Temp:500°F/ 260°C

97605-14 6' x 8' (17 oz) Welding Curtian-Thickness: 0.016",Temp:500°F/ 260°C

97600-14 Custom Roll & Fabrication FM Approved 17oz. Fiberglass (coated with Silicone) Welding Curtian Fabric(Thickness: 0.016", Temp:500°F/ 260°C)



FM Approved Welding Curtains work operation. Intended for use in **vertical applications with light to moderate exposures** such as that resulting from chipping, grinding, heat treating, sand blasting and light horizontal welding. When properly used, designed to prevent sparks from escaping a confined area.

Fiberglass Coated with Silicone FM Fabric - 32oz.

97604-15 6' x 6' (32 oz) Welding Curtian - Thickness: 0.035",Temp:500°F/ 260°C

97605-15 6' x 8' (32 oz) Welding Curtian - Thickness: 0.035",Temp:500°F/ 260°C

97600-15 Custom Roll & Fabrication FM Approved 32oz. Fiberglass (coated with Silicone) Welding Curtian Fabric (Thickness: 0.035", Temp:500°F/ 260°C)

Fiberglass Coated On One Side with Neoprene FM Fabric - 21oz.

97604-16 6' x 6' (21 oz) Welding Curtian - Thickness: 0.030",Temp:225°F/ 107°C

97605-16 6' x 8' (21 oz) Welding Curtian - Thickness: 0.030",Temp:225°F/ 107°C

97600-16 Custom Roll & Fabrication FM Approved 21oz. Fiberglass (coated on one side with Neoprene) Welding Curtian Fabric (Thickness: 0.030", Temp:225°F/ 107°C)

Fiberglass Coated On One Side with Neoprene FM Fabric - 26oz.

97604-17 6' x 6' (26 oz) Welding Curtian - Thickness: 0.055",Temp:225°F/ 107°C

97605-17 6' x 8' (26 oz) Welding Curtian - Thickness: 0.055",Temp:225°F/ 107°C

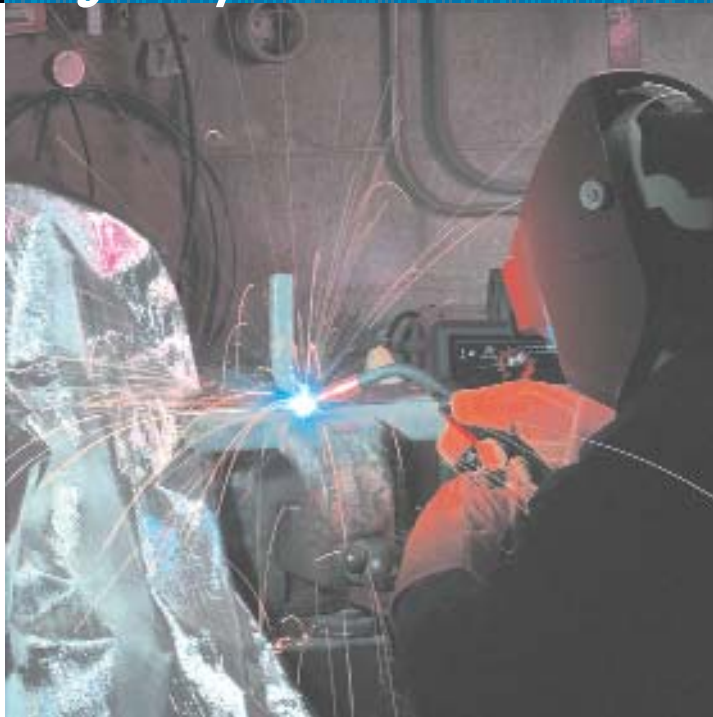
97600-17 Custom Roll & Fabrication FM Approved 21oz. Fiberglass (coated on one side with Neoprene) Welding Curtian Fabric (Thickness: 0.055", Temp:225°F/ 107°C)



Not sure what you need?

Sellstrom has a simple decision tree to help you choose the right fabric for the right job.

Call 1-800-323-7402 for a copy or download a copy from our website www.sellstrom.com



High Temperature Fabrics

Sellstrom supplies all necessary materials to design and build your own protective welding environment.

- Hemmed on all four sides with Kevlar® thread
- Brass grommets on corners and 36" (91.44cm) center
- Custom sizes available: Minimum size - 18 sq. ft.
- Actual size may vary 3" in height
- Curtains are available in the high temperature fabrics as custom orders. Call for details.
- Note: When ordering curtains, add 10% to width of curtain to allow for proper draping

Typical Applications: High Heat Reflection, Molten Metal Splash, Welding Shields, Freeze Protection, Steam Tracing Insulation, Fire Blankets, Stress Relieving, Lagging, Removable Flange and Valve Covers, Hose and Cable Protection, Expansion Joints, Insulation of Metal Tubing, Pipe Wrap, Oven Door Seals, Tadpole Gasketing, and Tadpole Tape Core.



100% Fiberglass High Temperature Fabric

100% woven texturized fiberglass designed for maximum flexibility using low irritating yarns. Strong, safe and chemical resistant. Maintains physical integrity and protects for excursion temperatures to 1000°F (540°C). Ideal for pipe lagging and welding protection.

Item #	Description
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100% Fiberglass High Temp Fabric - 18oz.

97404-3	6' x 6' (18 oz.) White Fiberglass Fabric - Temp:1000°F/ 540°C
97405-3	6' x 9' (18 oz.) White Fiberglass Fabric - Temp:1000°F/ 540°C
97406-3	6' x 12' (18 oz.) White Fiberglass Fabric - Temp:1000°F/ 540°C

100% Fiberglass High Temp Fabric - 32oz.

97404-4	6' x 6' (32 oz.) White Fiberglass Fabric - Temp:1000°F/ 540°C
97405-4	6' x 9' (32 oz.) White Fiberglass Fabric - Temp:1000°F/ 540°C
97406-4	6' x 12' (32 oz.) White Fiberglass Fabric - Temp:1000°F/ 540°C
97400-4-1	Custom Size (32 oz.) White Fiberglass Fabric - Temp:1000°F/ 540°C



Aluminized Fiberglass High Temperature Fabric

Ideal for reflective heat protection. Maintains physical integrity and protects for excursion temperatures to 650°F (343°C). 100% woven texturized fiberglass with 0.001" (0.003cm) aluminum foil bonded to fabric.

Item #	Description
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Aluminized Fiberglass High Temp Fabric - 18oz.

97405-5	6' x 9' (18 oz.) Aluminized Fiberglass Fabric - Temp:650°F/ 343°C
97406-5	6' x 12' (18 oz.) Aluminized Fiberglass Fabric - Temp:650°F/ 343°C
97400-8-1	Custom Size (18 oz.) Aluminized Fiberglass Fabric - Temp:650°F/ 343°C



Silica High Temp Fabric

The optimal choice for welding applications. Maintains physical integrity and protects for excursion temperatures to 3000°F (1650°C). This is 96% amorphous silica material that is both pliable and durable. Low soluble chlorides and halogens facilitates use in both nuclear and fossil fuel power plants. Water repellent.

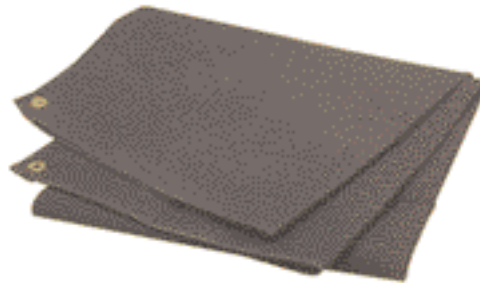
Item # Description

96% Amorphous Silica High Temp Fabric - 18oz.

97404-8	6' x 6' (18 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C
97405-8	6' x 9' (18 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C
97406-8	6' x 12' (18 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C
97400-8-1	Custom Size (18 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C
97400-8-2	36" W x 50 yard Roll (18 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C

96% Amorphous Silica High Temp Fabric - 36oz.

97404-9	6' x 6' (36 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C
97405-9	6' x 9' (36 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C
97406-9	6' x 12' (36 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C
97400-9-1	Custom Size (36 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C
97400-9-2	36" W x 50 yard Roll (36 oz.) Off White Silica Fabric - Temp:3000°F/ 1650°C



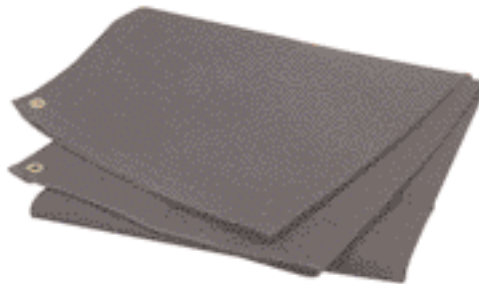
Duck High Temp Fabric

Resistant to fire, water, and mildew. Meets California Fire Marshall Requirements.

Item # Description

Green Duck High Temp Fabric - 16oz.

97404-7	6' x 6' (16 oz.) Green Duck Fabric - Temp:1000°F/ 540°C
97405-7	6' x 9' (16 oz.) Green Duck Fabric - Temp:1000°F/ 540°C
97406-7	6' x 12' (16 oz.) Green Duck Fabric - Temp:1000°F/ 540°C
97400-7-1	Custom Size (16 oz.) Green Duck Fabric - Temp:1000°F/ 540°C



Weld-Flex® High Temp Fabric

Exceptional abrasion resistance and retention of strength. This fabric stands up to the demands of a harsh environment. Maintains physical integrity and protects for excursion temperatures to 650°F (343°C). Weld-Flex® Registered Trademark of R.M. Engineered Products, Inc.

Item # Description

Weld-Flex High Temp Fabric - 23oz.

97404-10	6' x 6' (23 oz.) Black Weld-Flex Fabric - Temp:650°F/ 343°C
97405-10	6' x 9' (23 oz.) Black Weld-Flex Fabric - Temp:650°F/ 343°C
97406-10	6' x 12' (23 oz.) Black Weld-Flex Fabric - Temp:650°F/ 343°C



MATERIAL SPECIFICATIONS

The heavy-duty vinyl used in Sellstrom curtains & screens is composed of a top grade vinyl film processed with a color dye, flame retardant chemical and ultraviolet absorber. The dye absorbs and filters more of the blue light glare associated with welding arc. The surface of the material acts as a reflector causing the arc to appear larger and less bright reducing the glare to the eyes. Light is scattered in several directions while creating fluorescent light. This causes the eye pupil to constrict and shut out the excess glare, thus reducing light to the retina portion of the eye.

Laboratory test results show that all materials perform the best in the dangerous far ultraviolet (flash burn) area. In the near ultraviolet area, minimal transmission occurs. While the green offers the greatest protection, the orange, yellow and blue have similar qualities while allowing better visual observation.

Supervisor Series Curtains and Screens

Sellstrom supplies all necessary materials to design and build your own protective welding environment.

Specially designed to allow a safer work environment for welding supervisor, co-worker and passerby. Available in top grade heavy duty vinyl or duck that absorbs dangerous ultraviolet radiation from high amperage welding arcs while allowing excellent observation of activities. Sets up in minutes and comes complete with hardware.

- Transparent Vinyl Colors Available — Orange, Yellow, Green, and Blue
- Solid Vinyl Colors Available — Yellow, Blue, Red, White and Frosted
- Also Available in Duck for maximum glare reduction
- Vinyl and Duck material resist tearing, cracking or shattering
- Resistant to fire, water and mildew
- May be used around arc, plasma, gas or other high amperage welding equipment
- Brass grommets on corners add extra strength for long life.
- All welding screens come standard with anti-skid legs. Heavy duty swivel casters are also available.
- All curtains and screens are supplied with heavy-duty self locking metal hooks.
- The use of durable nylon thread and double stitching on all four sides insures a secure hem.
- Frame constructed of 7/8" (2.22 cm) galvanized steel tubular pipe for stability and long life
- Custom sizes available
- Meet CPA 1-84 and California Fire Marshall's requirements for flame resistance
- Warning: Curtains and Screens are not to be used as a replacement for a welding helmet or filter plate, but as transmission protection for casual observation

Selecting & Ordering Welding Curtains

Select the Item Number for the size of curtain.....followed by the Item Number for the Material

Beginning of Item # Description / Available Sizes (H x W)

97300	Custom Size
97301	4' x 5' (1.22 m x 1.52 m)
97302	4' x 6' (1.22 m x 1.83 m)
97303	4' x 8' (1.22 m x 2.44 m)
97304	4' x 10' (1.22 m x 3.05 m)
97305	5' x 5' (1.52 m x 1.52 m)
97306	5' x 6' (1.52 m x 1.83 m)
97307	5' x 8' (1.52 m x 2.44 m)
97308	5' x 10' (1.52 m x 3.05 m)
97309	6' x 4' (1.83 m x 1.22 m)
97310	6' x 6' (1.83 m x 1.83 m)
97311	6' x 8' (1.83 m x 2.44 m)
97312	6' x 10' (1.83 m x 3.05 m)
97313	6' x 12' (1.83 m x 3.66 m)
97320	60" x 25 yard Roll (12" grommets 1 side)

End of Item # Description / Material

-1	14 mil. Orange Transparent Vinyl
-2	14 mil. Yellow Transparent Vinyl
-3	14 mil. Green Transparent Vinyl
-4	14 mil. Blue Transparent Vinyl
-7	Green Duck Fabric
-22	14 oz. Yellow Solid Vinyl
-44	14 oz. Blue Solid Vinyl
-55	14 oz. Red Solid Vinyl
-66	14 oz. White Solid Vinyl
-88	14 oz. Frosted Solid Vinyl
-2288	12 oz. Frosted Solid Vinyl on top with 14 oz. Yellow Solid Vinyl on bottom
-4488	12 oz. Frosted Solid Vinyl on top with 14 oz. Blue Solid Vinyl on bottom
-5588	12 oz. Frosted Solid Vinyl on top with 14 oz. Red Solid Vinyl on bottom

Example:

6' H x 8' W Transparent Orange Welding Curtain in 14 mil would be designated as : 97311-1

Supervisor Series Curtains and Screens

How to Order

Step 1 Choose the Style

- Welding Screen** Complete with all the hardware needed to set-up immediately. Screens are partially assembled for easy installation.
- Welding Curtain** Curtain only to be used with existing structure. Supplied with heavy-duty hanging hooks that fit up to 1 1/2" (3.81 CM) O.D. pipe.

Step 2 Select the Material

- Refer to chart below for material, size and item number

Step 3 Ordering

- Sellstrom will review each order to ensure all materials are included for immediate set-up.
- Curtains: Add 10% to width to allow for proper draping.
- Custom Orders: Minimum size of 4' x 5' (1.22 m X 1.52 m).

Material Features

Material & Color Choices

- Duck** - For total glare reduction
- All Solid Vinyl Colors** - For total glare reduction
- Transparent Green** - Offers best protection with visibility
- Transparent Yellow** - Offers best visibility
- Transparent Orange** - Offers better visibility
- Transparent Blue** - Offers good visibility

Material Notes

Duck Curtains - Are resistant to fire, water, mildew, and meet the California Fire Marshall requirements

Wind Control System - All curtain and screen material have brass grommets on all four sides for tie down to framing

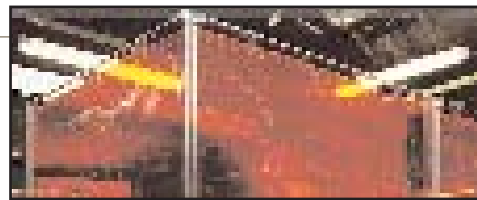
Quality Construction - Resists tearing, cracking or shattering for long life

Flame Retardant Material - Contains the molten metal within the welding areas

Equipment Safe - May be used around arc, plasma, gas or other high amperage welding equipment

Welding Screen Accessories

Item #	Description
97230	NEW Adjustable Welding Screen Frame Can be made into a 5'x5', 5'x6', 6'x4' and 6'x6' Frame Size
97390	Heavy-Duty Swivel Casters, Set of 4
97391	Replacement Brass Grommets, each
97392	Additional Heavy-Duty Metal Hanging Hooks
97393	Additional Frame to Frame Fasteners



Portable Welding Screen

Item #	Description
97220	4' x 4' Yellow Vinyl Portable Welding Screen
97221	5' x 5' Yellow Vinyl Portable Welding Screen
97222	5' x 6' Yellow Vinyl Portable Welding Screen



Emergency Fire Blankets



- 5' x 6' (1.52m x 1.83m) woven fiberglass
- Washable, lightweight
- 1000°F (537°C) continuous service temperature
- Available in bag or pouch

Item #	Description
97450	Red Hanging Pouch
97452	Red Bag with Handles



Welding Blanket

- 5' x 6' (1.52m x 1.83m) woven fiberglass
- Washable, lightweight
- 1000°F (537°C) continuous service temperature
- Available in blue nylon bag

Item #	Description
97455	Blue Nylon Bag with Handles

This section contains checklists which summarize the provisions of ANSI Z358.1 with respect to each type of emergency equipment. These "ANSI Compliance Checklists" are found at the beginning of each section of this catalog. The checklist can be used to assist in the proper selection, installation and maintenance of emergency equipment. It can also be used in performing an audit of existing emergency equipment.

LOCATION To comply with OSHA regulations, emergency eye wash and shower equipment must be installed in close proximity to any location where hazardous materials are handled. As a rule of thumb, the ANSI standard suggests that the distance from the hazardous materials to the emergency equipment not exceed 10 seconds walking time. However, emergency equipment should be located immediately accessible to the hazard if particularly injurious chemicals are being handled. The location which is selected for emergency equipment should be free from obstructions and should be accessible from three sides. Users of the equipment should not have to walk around machinery or other obstacles to reach the unit.

WATER SUPPLY Proper operation of emergency equipment requires the availability of a continuous supply of potable water. The water supply must, at a minimum, be capable of delivering the volumes of water required by the ANSI standard. Piping should be at least as large as the inlet size of the unit to be installed. The water supply line must also be capable of delivering an uninterrupted flow of water of at least 30 PSI flow pressure.

FLOW DATA The effectiveness of any piece of emergency equipment in rinsing away contaminant depends solely upon two factors: the volume of water produced, and the pattern in

which it is delivered. Sellstrom units are engineered to provide superior performance in these two critical areas.

CORROSION PROTECTION Emergency equipment is often installed in areas where it is exposed to corrosive materials.

In these instances, it is advisable to use equipment which is corrosion resistant. Sellstrom offers a protective epoxy coating as an optional feature. Sellstrom also offers units which are constructed entirely of stainless steel or PVC. Selection of the appropriate corrosion resistant unit depends upon the materials to which the equipment may be exposed. Please call for additional information.

HANDICAPPED ACCESSIBILITY The Americans with Disabilities Act mandates that workplaces be accessible to, and usable by, physically handicapped persons. Sellstrom responds with an array of "barrier-free" products which will assist in complying with the governmental regulations (28 CRF Part 36) and compliance standards (ANSI 1171).

OSHA Requirements

Constructing an emergency equipment program begins with a review of the OSHA requirements for such equipment. OSHA has developed a series of regulations that require the use of emergency eye wash and shower equipment as a form of first aid treatment. The broadest requirement for eye wash and shower usage is found in 29 CFR 1910.151, which states that "where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use."

OPTIONAL ACCESSORIES		EMERGENCY SHOWERS	EYE/FACE WASHES	EYE WASHES	DRENCH HOSE	SAFETY STATIONS
FEATURE	BENEFIT					
ABS Plastic Bowl	ABS plastic is corrosion resistant and durable.	--	✓	✓	--	✓
Hinged stainless steel float-off dust covers	Stainless steel dust covers resist corrosion and are an integral part of the outlet head for increased tamper resistance.	--	✓	✓	✓	✓
Electrostatically applied epoxy powder coating	Increases corrosion resistance.	✓	✓	✓	--	✓
Stainless steel and PVC used on corrosion resistant units	Extreme corrosion resistance, even in the harshest environments.	✓	✓	✓	--	✓
Backflow preventer or in-line vacuum breaker to prevent backflow	Units will meet variety of local plumbing codes.	--	--	--	✓	--
Flexible stainless steel hose in place of PVC	Hose provides superior abrasion resistance for enhanced durability.	--	--	--	✓	--
Under counter hose guide bracket for deck mounted units	Prevents hose from tangling or binding. Assures unit is easily removed from flange for use.	--	--	--	✓	--
Stainless steel and cast brass shower heads	High quality materials provide superior impact corrosion resistance, and resists effects of UV light.	✓	--	--	--	✓

✓ OPTIONAL ACCESSORY
 -- NOT APPLICABLE

STANDARD CONSTRUCTION		EMERGENCY SHOWERS	EYE/FACE WASHES	EYE WASHES	DRENCH HOSE	SAFETY STATIONS
FEATURE	BENEFIT					
Outlet heads	Unique spray heads deliver more water, over a wider area, in a more gentle flow, than any other type of outlet head.	--	✓	✓	✓	✓
Outlet heads feature: Large diameter, perforated spray cover	Provides soft, wide stream of water to quickly and gently rinse away contaminant's.	--	✓	✓	✓	✓
Low density, advance polyurethane filter	Removes scale, deposits and debris from the water flow. Water Line impurities are kept out of user's eyes.	--	✓	✓	✓	✓
Integral, self adjusting flow controls located in each outlet head	Assures that a consistent, steady water flow is evenly distributed among outlet head(s).	--	✓	✓	✓	✓
Impact resistant ABS plastic body	Tough corrosion resistant body assures durability and long life.	--	✓	✓	✓	✓
ABS plastic float-off dust covers	Keeps airborne contaminant's away from outlet heads.	--	✓	✓	✓	✓
Renewable internal components	Internal working components are readily accessible.	--	✓	✓	✓	✓
Heavy duty 1/2" IPS chrome plated brass stay-open ball valve	Domestic made valve provides generous water flow. Stay-open feature permits "hands-free" operation so that user can hold eyes open while flushing contaminant's.	✓	✓	✓	--	✓
Schedule 40 pipe and fittings are hot-dipped galvanized (inside and out) or chrome plated brass	Heavy duty pipe and fittings resist corrosion and insure durability and long life.	--	✓	✓	--	--
Outlet head units are preassembled and factory tested prior to shipment	Guarantees "hassle free" installation, eliminates "call backs".	--	✓	✓	✓	✓
Chrome plated forged brass stay-open or self closing valves	Domestic made valves provide generous water flow.	--	--	--	✓	--
Heavy duty reinforced PVC or recoiling nylon hoses are standard	Hoses resist deterioration and abrasion, and are rated to 300 PSI working pressure.	--	--	--	✓	--
10" high volume deluge shower head	Shower head provides a minimum 30 gPM flow and 20" spray pattern at 60" above floor.	✓	--	--	--	✓
Rigid stainless steel pull rod with stainless steel actuating arm	Large sized pull rod is easily located and grasped in an emergency. Components are corrosion resistant.	✓	--	--	--	✓
Rugged 1" IPS chrome plated brass ball valve	Domestic made valve provides minimum 30 gPM flow. Stay-open feature permits "hands-free" operation so that user can disrobe while flushing contaminant's.	✓	--	--	--	--
Valve has chrome plated ball with long lasting Teflon® seals	Valve provides a large volume of water and resists corrosion, freeze-up and leaking.	✓	✓	✓	--	✓
Schedule 40 pipe and fittings are hot-dipped galvanized inside and out	Heavy-duty pipe and fittings provide years of durable service .	✓	--	--	--	✓
Single water inlet supplies both shower and eye wash	Complete personal protection in a single unit. Minimizes installation and maintenance costs.	--	--	--	--	✓
Rugged 1" IPS chrome plated brass shower valve and 1/2" IPS chrome plated brass eye wash valve	Domestic made valves resist bending, cracking or breaking. Valves have heavy-duty brass bodies and stems.	--	--	--	--	✓

✓ STANDARD CONSTRUCTION
 -- NOT APPLICABLE



90322

Gravit-Eye™ Portable Gravity Flow Eye Wash Units

- Tank: High density green polyethylene, has heavy wall construction and reinforced ribs to support weight of unit. Approximate dimensions: 20 1/2" H x 21"W x 19"D
- Eye Wash Solution: Fill with clean potable water and add Redi-Sep® bacteriostatic additive furnished with unit.
- Outlet Heads: Integral full flow nozzles.
- Drain: Water is directed into drain opening in tank basin, a 3' long drain hose directs discharge into floor drain, storage tank.
- Mounting: Furnished with zinc plated steel bracket for wall mounting or resting on flat surface.
- Meets ANSI Z358.1 Standards for Eyewash

Item # Description

90360	6 Gallon Personal Eye Wash Station (13 lbs)
90320	16 Gallon Personal Eye Wash Station (17 lbs) (Shown)

Replacement Parts

90335	Dust Cover (for 16 gallon unit)
90321	Drain Hose (for 16 gallon unit)
90322	8 oz. Bacteriostatic Additive (Shown)
90324	Mounting Bracket (for 16 gallon unit)



Item # Description

Stations

90331	Single 16 oz. Bottle Station (FDA Approved) (Shown)
90332	Single 32 oz. Bottle Station (FDA Approved)
90333	Double 32 oz. Bottle Station (FDA Approved) (Shown)

Replacement Bottle Solutions

90329	Sterile 16 oz. Bottle Solution (FDA Approved)
90330	Sterile 32 oz. Bottle Solution (FDA Approved)

Rapid-Clear™ Personal Eye Wash Bottle Stations

- Personal Eye Wash Sterile Solution
- Ideal for emergency first response
- Easy wall mount
- Fast, Simple and Effective



SentryWash® Faucet Mounted Eye Wash Units

- Turns any standard faucet into an emergency eye wash with limitless water supply
- Chrome plated brass construction with internal components easily accessible for maintenance
- Adjustable outlet heads angled at 45°. Heads are aerated for soft, continuous flow
- Quality Assurance: Unit is completely assembled and individually water tested prior to shipment.
- Classified as a personal eye wash, but does not meet requirements of ANSI Z358.1 as a primary eye wash

Item # Description

90100	Faucet Mounted Eye Wash Unit with Adjustable Aerated Outlet Heads 3" Apart
90101	Faucet Mounted Eye Wash Unit with Adjustable Aerated Outlet Heads 5" Apart for Gooseneck Type Faucets
90102	Faucet Mounted Eye Wash Unit w/ Non-Adjustable Solid Stream Outlet Heads



SentryWash® Hand Held Drench Hose Eye Wash Units

Item #	Description
90600	Hand Held Drench Hose Unit
90600-2	Hand Held Drench Hose Unit with Wall Hook. Does not meet requirements as primary eye wash.
90602-1	Hand Held Eye Wash/Drench Hose Unit with Deck Mount
90602-2	Hand Held Eye Wash/Drench Hose Unit with Deck Mount with Wall Mount

- Outlet Head Assembly: 2 outlet heads, each head has self-regulating flow control (to assure soft, balanced flow), filter to remove debris from water, and float-off dust cover. All wearing components are located in head for ease of service. Heads are mounted side by side on chrome plated brass elbow fittings.
- Valve: Chrome plated forged brass squeeze valve activated by stainless steel lever handle. Valve has locking clip which engages when handle is depressed, providing "hands free" operation. Valve stays open until locking clip is released. Made in the USA.
- Hose: 8' reinforced PVC hose, 300 PSI maximum rated working pressure. Recommended pressure for unit is 80 PSI maximum.
- Mounting: Epoxy coated aluminum wall bracket with spring clips to hold unit to wall. Clips position spray heads and handle to face forward at all times.
- Supply: 3/8" IPS male swivel-type inlet
- Quality Assurance: Unit is completely assembled and individually water tested prior to shipment.
- Meets ANSI Z358.1-2004 Standards



Item #	Description
Eye Wash Meets ANSI Z358.1 Standards	
90430	Deck/Counter Mounted Eye Wash Unit with 2 Gentle Spray Outlet Heads w/ a Counter Mount Swing Away (4 lbs.)
90440	Wall Mounted Eye Wash Unit with Stainless Steel Bowl and 2 Gentle Spray Outlet Heads
90445	Wall Mounted Eye Wash Unit with ABS plastic Bowl and 2 Gentle Spray Outlet Heads

SentryWash® Mounted Eye/Face Wash Units

Eye/Face Wash Meets ANSI Z358.1 Standards	
90410	Wall Mounted Eye/Face Wash Unit w/ Stainless Steel Bowl and 4 Fine Spray Outlet Heads
90415	Wall Mounted Eye/Face Wash Unit with ABS plastic Bowl and 4 Fine Spray Outlet Heads
90420	Wall Mounted Eye/Face Wash Unit w/ Stainless Steel Bowl and 2 Fine Spray Outlet Heads

- Outlet Head Assembly: 2 or 4 heads, each has self-regulating flow control to assure soft, balanced flow,, filter to remove debris from water, and float-off dust cover. All wearing components are located in head for ease of service. Heads are mounted on chrome plated brass supply arms.
- Valve: 1/2" IPS chrome plated brass stay-open ball valve. Activated by epoxy coated cast aluminum flag handle. Valve is made in USA.
- Bowl: 11 1/2" stainless steel. Part No. 90430 has a 13" flanged stainless steel bowl for recessed mounting in countertop. Furnished with all necessary hardware for installation
- Mounting: Heavy-duty corrosion-resistant cast aluminum wall bracket
- Supply: 1/2" IPS female inlet. Part No. 90430 supply is 1/2" IPS male inlet
- Waste: 1 1/4" IPS female outlet
- Quality Assurance: Unit is completely assembled and individually water tested prior to shipment
- Meets ANSI Z358.1-2004 Standards

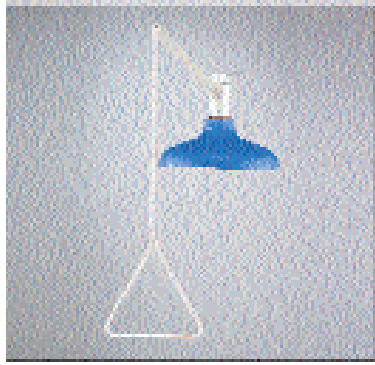
SentryWash® Pedestal Mounted Eye/Face Wash Units

Item #	Description
Eye Wash Meets ANSI Z358.1 Standards	
90450	Pedestal Mounted Eye Wash Unit with Stainless Steel Bowl and 2 Gentle Spray Outlet Heads (18 lbs.)
90455	Pedestal Mounted Eye Wash Unit with ABS plastic Bowl and 2 Gentle Spray Outlet Heads (17 lbs.)
90455-4	Same as #90455 with Hand Foot Control (16 lbs.)



Eye/Face Wash Meets ANSI Z358.1 Standards	
90421	Barrier-Free Pedestal Mounted Eye/Face Wash Unit with Stainless Steel Bowl & 4 Fine Spray Outlet Heads (24 lbs.)
90452	Pedestal Mounted Eye/Face Wash Unit with Stainless Steel Bowl and 4 Fine Spray Outlet Heads (16 lbs.)
90457	Pedestal Mounted Eye/Face Wash Unit with ABS plastic Bowl and 4 Fine Spray Outlet Heads (15 lbs.)

- Eye wash with Stay-Open Ball Valve
- Outlet Head Assembly: 2 or 4 outlet heads, each head has self-regulating flow control (to assure soft, balanced flow), filter to remove debris from water, and float-off dust cover. All wearing components are located in head for ease of service. Heads are mounted on chrome plated supply arms.
- Valve: 1/2" IPS chrome plated brass stay-open ball valve. Activated by epoxy coated cast aluminum flag handle, made in the USA
- Bowl: 11 1/2" stainless steel
- Mounting: 1 1/2" IPS hot-dipped galvanized steel pipe and fittings, 9" aluminum floor flange.
- Supply: 1/2" IPS male inlet
- Waste: 1 1/4" IPS female outlet
- Quality Assurance: Valve, bowl and head assembly are factory assembled and individually water tested prior to shipment.
- Meets ANSI Z358.1-2004 Standards



Item #	Description
90235	Vertical Mount Drench Shower with a ABS plastic Head, Stay Open Valve

SentryWash® Vertical/Ceiling Mounted Safety Stations

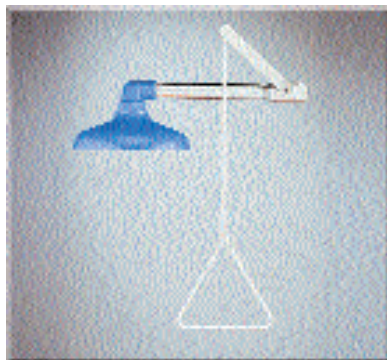
- Shower Head - 10" blue ABS plastic shower head delivers 30 gPM at 30 PSI & spray pattern is 20" diameter at 60" above floor
- Valve - 1" IPS chrome plated brass stay-open ball valve, furnished with stainless steel actuating arm and stainless steel pull rod. Valve is made in the USA
- Pipe and Fittings - 1" IPS Schedule 40 hot-dipped galvanized steel pipe and fittings
- Supply - 1" IPS female inlet
- Vertical Mount Drench Showers with a Stay Open Valve meet ANSI Z358.1-2004 Standards



Item #	Description
90211	Vertical Mount Drench Shower with a ABS plastic Head, Slow Self-Closing Valve

SentryWash® Vertical Mounted Self-Closing Safety Station

- Shower Head - 10" blue ABS plastic shower head delivers 30 gPM at 30 PSI & spray pattern is 20" diameter at 60" above floor
- Valve - 1" IPS chrome plated brass, **slow self-closing valve** with pull chain and ring. Shower operates for up to 10 seconds after chain is released. Valve is made in the USA
- Pipe and Fittings - 1" IPS Schedule 40 hot-dipped galvanized steel pipe and fittings
- Supply - 1" IPS female inlet



Item #	Description
90243	Horizontal Mount Drench Shower with a ABS plastic Head, Stay Open Valve
90243-2	Horizontal Mount Drench Shower w/ a Stainless Steel Head, Stay Open Valve
90243-3	Horizontal Mount Drench Shower w/ a ABS plastic Head, Slow Self-Closing Valve

SentryWash® Horizontal/Wall Mounted Safety Stations

- Shower Head - 10" blue ABS plastic shower head delivers 30 gPM at 30 PSI & spray pattern is 20" diameter at 60" above floor
- Valve - 1" IPS chrome plated brass stay-open ball valve, furnished with stainless steel actuating arm and stainless steel pull rod & is made in the USA
- Pipe and Fittings - 1" IPS Schedule 40 hot-dipped galvanized steel nipple with blue ABS plastic elbow
- Supply - 1" IPS female inlet
- Horizontal Mount Drench Showers with a Stay Open Valve meet ANSI Z358.1-2004 Standards

SentryWash® Eye Wash & Shower Safety Stations



- Shower Head: 10" blue ABS plastic shower head delivers 30 gPM at 30 PSI. Spray pattern is 20" diameter at 60" above floor
- Shower Valve: 1" IPS chrome plated brass stay-open ball valve, furnished with stainless steel actuating arm and stainless steel pull rod. Valve is made in the USA
- Eye Wash Outlet Head Assembly: Two outlet heads. Each head has self-regulating flow control (to assure soft, balanced flow), filter to remove debris from water, and float-off dust cover. All wearing components are located in head for ease of service. Heads are mounted on chrome plated brass supply arms.
- Eye Wash Bowl: 11 1/2" stainless steel
- Eye Wash Valve: 1/2" IPS chrome plated brass stay-open ball valve. Activated by epoxy coated cast aluminum flag handle. Valve made in USA
- Pipe and Fitting: 1 1/4" IPS Schedule 40 hot-dipped galvanized steel pipe and fittings with 9" cast aluminum floor flange.
- Supply: 1g" IPS female top or side inlet
- Waste: 1 1/4" IPS female outlet
- Quality Assurance: Eye wash frame is factory assembled and individually water tested prior to shipment.
- Meets ANSI Z358.1-2004 Standards

Item #	Description
90510	Eye Wash/Drench Shower Unit - Stainless Steel Bowl with 2 Gentle Spray Head Outlets and a ABS plastic Shower Head. Meets ANSI Z358.1 Standards
90510-2	Eye Wash/Drench Shower Unit - Stainless Steel Bowl w/ 2 Gentle Spray Head Outlets and a Stainless Steel Shower Head. Meets ANSI Z358.1 Standards
90520	Eye Wash/Drench Shower Unit - ABS plastic Bowl with 2 Gentle Spray Head Outlets and a ABS plastic Shower Head (40 lbs.) Meets ANSI Z358.1 Standards
90520-3	Eye Wash/Drench Shower Unit - ABS plastic Bowl w/ 2 Gentle Spray Head Outlets and a ABS plastic Shower Head w/ Self Closing Valve (40 lbs.)
90520-4	Eye Wash/Drench Shower Unit - ABS plastic Bowl w/ 2 Gentle Spray Head Outlets and a ABS plastic Shower Head w/ Hand-Foot Control (41 lbs.) Meets ANSI Z358.1 Standards
90524	Eye Wash/Drench Shower Unit - ABS plastic Bowl with 4 Gentle Spray Head Outlets and a ABS plastic Shower Head (40 lbs.) Meets ANSI Z358.1 Standards
90530	Barrier Free Eye Wash/Drench Shower Unit - Stainless Steel Bowl with 4 Gentle Spray Head Outlets and a ABS plastic Shower Head with Stay Open Valve (48 lbs.) Meets ANSI Z358.1 Standards.
90550	Eye Wash/Drench Shower Unit - ABS plastic Shower Head - No Bowl - with Stay Open Valve (35 lbs.) Meets ANSI Z358.1 Standards.
90560	Eye Wash/Drench Shower Unit - ABS plastic Shower Head with 2 Gentle Spray Head Outlets, ABS plastic Shower Head, Corrosion Resistant - All Stainless Steel Construction (31 lbs.) Meets ANSI Z358.1 Standards.
90562	Eye Wash/Drench Shower Unit - Stainless Steel Bowl, ABS plastic Shower Head, Stay Open Valve, Freeze Resistant (83 lbs.) Meets ANSI Z358.1 Standards
90570	Eye Wash/Drench Shower Unit - Stainless Steel Bowl and Shower Head, Stay Open Valve, Corrosion Resistant - All Stainless Steel Construction (55 lbs.) Meets ANSI Z358.1 Standards.

SentryWash® Portable Safety Stations



- Stainless Steel Tank
- Built in carrying handles
- Air intake fitting, pressure gauge and automatic pressure relief valve
- 8oz. Bottle of bacteriostatic additive included (keeps water viable up to 6 month)

Item #	Description
90305	5 Gallon Portable Drench Hose Unit (14 lbs.)
90312	10 Gallon Portable Drench Hose Unit (26 lbs.) Meets ANSI Z358.1 Standards

Sellstrom Manufacturing was formed in 1923 for the purpose of providing a safer workplace. Dedication to this primary objective has never changed. Sellstrom has grown over the years to encompass a full range of personal protective equipment to serve the needs of industry, schools, and medical areas as well as the Do-It-Yourself markets worldwide. High quality standards, prompt reliable service and true commitment to our customers are the keys to Sellstrom's success.

We will strive to consistently provide the highest quality protective products, excellent customer service and competitive prices to our customers. Sellstrom is continually building a knowledgeable and professional team of employees who understand the importance of customer satisfaction and are always practicing continuous improvement of all methods and procedures. Sellstrom strives to also act as a responsible corporate citizen in our community.



Protecting the world's workforce since 1923™

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