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NOTES

Eye Protection

PROTECTIVE GOGGLES

Chemical Splash Goggles

MonoGoggle® is synonymous with on-the-job eye protection. Since 1986, independent, non-governmental organizations have been testing our goggles against rigorous performance standards. Today our line meets ANSI Z87.1 and CSA Z94.3 performance criteria.

Allsafe's unique FOGGARD®PLUS has been scientifically formulated after a series of on-the-job field evaluations. With a variety of petrochemical, utility and manufacturing customer's participation and feedback, you can have confidence that FOGGARD®PLUS will eliminate lens fogging in most workplace applications.

All lenses are made with polycarbonate and provide 99.9% UV protection. In addition, MonoGoggle's Banding Buckle provides hassle-free adjustments for all goggles (except the MRX™ model and SG series), and is outfitted at no extra charge, unlike competitive goggles.

MonoGoggle® 211

- Indirect ventilation
- Separate, soft, pliable plastic nosepiece
- Frame designed with pantoscopic angle to improve work area visibility
- Patented ventilation increases airflow, while protecting against chemical splash.

Frame Color	
Lens Color	Green
Clear	10032
Clear FogGard® Plus	10115



MonoGoggle® VPC

- Indirect ventilation
- Fits over today's prescription eyewear
- Separate, soft, pliable nosepiece
- Pantoscopic design assists bifocal wearers

Frame Color	
Lens Color	Bronze
Clear	10191
Clear FogGard® Plus	10195



MRX™

- Indirect ventilation
- Spherical lens provides range of vision of more than 160° while protecting against chemical splash
- .090" polycarbonate lens

Lens Color	FRAME COLOR		
	Blue	Smoke	Clear
Clear	10276	10280	N/A
Clear FogGard® Plus	10277	10281	N/A
Clear Hang Bagged	N/A	N/A	10457
Clear FogGard® Plus Hang Bagged	N/A	N/A	10456



SG34

- Indirect ventilation
- Economical chemical splash protection

Frame Color	
Lens Color	Green
Clear	10258
Clear Anti-Fog	10257
50 Pk. - Clear	10467
50 Pk. - Clear Anti-Fog	10466



Dust Goggles:

MonoGoggle® 201

- Direct ventilation
- Separate, soft, pliable plastic nosepiece for snug, comfortable seal
- Perforated frame, direct ventilation, impact protection for environments where chemical splashes and fumes are not primary hazards

Frame Color		
Lens Color	Green	Clear
Clear	10013	10002
Clear FogGard® Plus	10087	N/A
Clear Hang Bagged	N/A	10458



SG30

- Direct ventilation
- Economical protection

Frame Color	
Lens Color	Green
Clear	10260
50 Pack - Clear	10468



Specialty Products:

Respirator Fit Design

- Unique design
- Offers wider nosepiece for better fit with a half mask respirator, therefore improves field of vision and has more comfort

Frame Color	
Lens Color	Green
Clear	10043
Clear FogGard® Plus	10140



MonoGoggle® 202

- Non-vented
- Protects against dust, splashes and fumes
- .060" lens

Frame Color	
Lens Color	Green
Clear	10024
Clear FogGard® Plus	10097



MonoShield™ w/Goggle

- Polycarbonate shield
 - Provides splash and impact protection
 - PVC gaskets snug against goggle to mate MonoShield™ and MonoGoggle®
 - Supplied with FogGard® Plus goggle
- NOTE: Can only be used with MonoGoggle® 211 goggle
Individually Boxed #10474



Goggletoggletm™

- Unique safety feature that keeps goggles in place if safety cap is knocked off
- Snaps into universal slot on most safety caps for proper storage of goggles. Patented



Goggle Replacement Lenses

- All goggle lenses are made from optical-grade polycarbonate and provide 99.9% UV protection
- All lenses .060" unless noted

Fits Goggle	Clear	Clear FOGGARD® Plus
MonoGoggle® 211, 201, 202	10057	10167
MonoGoggle® VPC	10058	10166
MRX™ Goggle	10288	10289
SG Goggle	10270	10271
Respirator Fit Design	10207	10175

Comfort Options:

Comfort Option - Foam*

- Foam improves seal against skin
- Better fit for small facial structure
- Protects against dust and harsh winter conditions
- Available on 211, 202



Comfort Option - Felt*

- Soft felt is stitched to frame for durability. Washable
- Felt helps to absorb perspiration
- Available on 211, VPC, MRX™



*Comfort option item numbers vary
NOTE: Not for use in chemical splash applications.

Safety Products

Eye Protection

PROTECTIVE SPECTACLES

Single Lens:

'Cudas™

The solution to your eye protection problems is right in front of your eyes with the 'Cudas™ line from American Allsafe®. It's the most popular spectacle that American Allsafe® offers.

So whether you need a spectacle that offers greater facial coverage, one that fits smaller faces, or one that offers the latest style, look to the 'Cudas™ line. The solution you want is right here.

- Six-base lens curve and folded-back lens design provide increased peripheral vision and protection
- Stylish frames made of durable, modified nylon
- Slim profile, 'Cudaslide™ adjustable temple for individual fit with five different lengths



Lens Color	Frame Color			
	Black	Cudasilver™	Blue	Rpicmt. Lenses
Clear	19142	19341	19157	19013
Clear FogGard® Plus	19143	N/A	19158	19121
Smoke	19144	N/A	19159	19014
Smoke FogGard® Plus	19145	N/A	N/A	19122
Sunburst	19146	19331	N/A	19029
Blue Steel	19147	19330	N/A	19015
Vermilion	19148	N/A	N/A	19120
Amber	19149	N/A	N/A	19119
Amber FogGard® Plus	19247	N/A	N/A	19182

NOTE: Cudas spectacles meet high impact requirements of CSA Z94.3. They do not meet the CSA Z94.3 shield requirements.

ML 'Cudas™

- Lens configuration differs from original 'Cudas™, for different facial features and situations

Lens Color	Black	Rpicmt. Lenses
Clear	19265	19279
Clear FogGard® Plus	19268	19280
Smoke	19266	19281
Smoke FogGard® Plus	19272	19282
Sunburst	19267	19283
Amber	19269	19284
IR3.0	19427	19448
IR5.0	19428	19449



'CudaSeven™

- Seven-base curved lens for wrap around protection and no distortion in peripheral vision
- Adjustable temples
- Rx frame insert available #19458

Lens Color	Frame Color	
	Grey	Emerald
Clear FogGard® Plus	19421	N/A
Smoke FogGard® Plus	19422	N/A
Blue Mirror	19365	N/A
Gold Mirror	N/A	19366



'CudaSize™

- Fits smaller faces with the same original 'Cudas™ features
- Adjustable temple
- Ideal for school use in shop and science classes

Lens Color	Frame Color	
	Black	Blue
Clear	19411	19414
Clear FogGard® Plus	19450	19451
Smoke	19413	19416
Sunburst Mirror	19442	19445



'Cudas™ Caddy

- Stores one pair of 'Cudas™ spectacles and two replacement lenses for a variety of applications/situations
- Features belt loops for convenience
- Caddy sold separately #19174

Popular caddy combinations:	
Lens Options	Frame Color
Clear, Amber, Smoke	Black
Clear, Smoke, Sunburst	19175
Clear, Amber, Sunburst	19179
Clear, Blue Steel, Sunburst	19178
	19177



Axia™

This stylish spectacle is popular with workers so it encourages compliance. It features a six-base curved lens that gives you 170° of peripheral vision. And there's no frame to obstruct your view. It's simply a lens and temples, that's all.

- Greater brow and cheek coverage
- A ratcheting temple that changes the lens angle for the ultimate fit
- FOGGARD® Plus standard (except mirrors)
- The AXIA™ temple pivots 21°
- 4pt adjustable temple length
- Custom screening available on right temple



Lens Color	Temple Color			
	Jet Black	Indigo Blue	Metallic Silver	Rpicmt. Lenses
Clear FogGard® Plus	19301	19312	19316	19351
Smoke FogGard® Plus	19303	19314	19318	19353
Amber FogGard® Plus	19305	N/A	N/A	19355
Blue Shield FogGard® Plus	19307	N/A	N/A	19357
Silver Mirror	19309	N/A	N/A	19359
Green Mirror	19310	N/A	N/A	19360

CS-915

- Single lens and molded nose piece with adjustable temples

Lens Color	Frame Color	
	Black	Blue/ White/ Red
Clear	19367	19453
Smoke	19368	19454
Amber	19369	N/A
IR3.0	19423	N/A
IR5.0	19424	N/A



Hy-Brow™ Contempo

- Provides wrap-around protection and wide field of vision
- Strong, lightweight nylon frame

Lens Color	Frame Color	
	Black	Matte
Clear	18565	
Clear FogGard® Plus	19048	
Dark Smoke	18566	
Amber	18567	
Gradient	18570	



UniSpec II™

- Low-cost wrap around protection with one-piece, polycarbonate lens
- CE approved

Lens Color	Hard Coated	Uncoated
Clear Hardcoat	18333	18832
Smoke Hardcoat	19237	19238
Clear FogGard® Plus	N/A	19100
Clear 10 Pair Dispenser Pack	N/A	19385



Dual Lens:

Wyr 'Cudas™

- Metal frame 'Cudas™ spectacle
- Attractive style lines and unobstructed sight lines
- Hand adjustable nose piece and temples for individual fit
- Lenses permanently attached

Lens Color	Frame Color	
	Black	Gold
Clear	19209	19205
Clear FogGard® Plus	N/A	19208
Smoke	19210	19206
Sunburst	19211	N/A
Vermilion	19212	N/A
Amber	19213	N/A
Blue Mirror	N/A	19207
Clear Base Blue Mirror	N/A	19431
Clear Base Sunburst Mirror	N/A	19432



Eye & Face Protection

Hy-Wires™ Millennium

- Today's style in a metal frame
- Lightweight protection
- Hand adjustable nosepiece and temples for individual fit
- Excellent coverage with sideshields

Lens Color	Frame Color	
	Pewter	Black
Clear	19434	19437
Smoke	19435	19438
Sunburst Mirror	19436	19439
Blue Mirror	19441	19440



Hy-Wires™

- Popular 58mm lens
- Metal-frame spectacles
- Adjustable, soft, pliable nosepiece
- Wrap-around, riveted sideshields

Lens Color	Frame Color	
	Black	Gold
Clear	18504	18513
Smoke	18506	18515



18515

Hy-Sight™ 6200 Adjustable

- 62mm lens
- Adjustable temple with four lengths
- Excellent sideshield coverage
- Lightest frame available
- Economical style

Lens Color	Frame Color	
	Black	
Clear	19248	
Smoke	19249	
Blue Shield	19251	
Blue Green Mirror	19250	
IR 3.0	19425	
IR 5.0	19426	



19251

NOTE: All spectacle lenses are made from optical-grade polycarbonate and provide 99.9% UV protection.

Deluxe Lens Cleaning Station

#27635

- For glass, plastic and polycarbonate lenses, goggles and faceshields
- Anti-fog, anti-static formula
- Contains one 16 oz. Spray bottle and 100 low lint tissues
- Sturdy corrugated construction with easy wall mount design



Lens Cleansing Towelettes

#27636

- Wall mount
- 100 individual packaged

Spectacle Cords

- Conveniently fit any spectacle, to have them readily accessible

Color	Item No.
Black	18594
Electric Blue	18595
Glacier Green	18596
Neon Orange	18597
Neon Yellow	18598
Red	18599
Violet	18600



FACE PROTECTION

High Performance Ratchet Headband - A-F4000

#27921

- Crown assembly pivots up
- Low-riding nape strap for firm fit
- Faceshield not included
- Also available: headgear packed with faceshield (A) 8154 LB window (8" x 15-1/2" x .040") - #27971



Nylon Bracket - A5500X

#22640

- Lightweight 100% nylon bracket
- Pivots up and secures in 3 different positions
- Fits Sentry III™, Poly-Guard™, RAM Cap™ and other safety cap with universal slots



HS100

#23243

- Allows use of visors with our cap-mounted hearing protection



Wire Screen - 6513

#22692

- 6513 wire screen is available for jobs requiring non-plastic window such as forestry applications
- Fits HS100



Economical Ratchet Headband - A-F3000L

#27910

- Crown and faceshield pivot up



A-5500SN

#22639

- Designed for caps without slots
- Fits most safety caps
- Heavy-duty rubber cord holds bracket in place
- Dielectric



Visor with Chin Cup

#22690

- 8" x 15-1/2" x .040" visor
- Optical grade polycarbonate
- Provides additional splash protection for the neck area
- Headgear sold separately



Economical Pin-Lock Headband - A-F2000

#27922

- Crown and faceshield pivot up
- Also available: headgear packed with (B) 4128 LB window (8" x 12" x .040") - #22713



A-8100G

#27908

- Swivel posts lock faceshield in place
- Heavy-duty, durable aluminum model fits variety of safety caps
- Available for full brim hats
Model A-8100H: #27906



Safety Products

Face & Head Protection

Complete "Above-the-Shoulder" (ATS) Protection System

- Complete forestry system includes:
- Sentry III™ Cap
- Visor
- HS100 Bracket
- CapMate™ Muff (HS-20 or HS-28)

Orange Cap with (A) 8140LB & HS-20 #14764
Orange Cap with 6513 & HS-20 #27913
Orange Cap with 6513 & HS-28 #27917



Note: All visors made from polycarbonate (A) material provide 99.9% UV protection.

Allsafe Faceshields Feature a Universal Hole Pattern Design

Windows	Polycarbonate (A)		PETG (B)
Description	Dimensions (in)	Item No.	Item No.
4128LB	8 x 12 x .040	22641	22614
4189LB	9 x 18 x .040	22654	22617
4200LB	10 x 20 x .040	22655	22657
4208LB	8 x 20 x .040	22656	22658
8140LB	8 x 15-1/2 x .040	22663	22669
8154 Bound	8 x 15-1/2 x .040	22643	N/A
8154LB	8 x 15-1/2 x .040	22644	22648
8156LB	8 x 15-1/2 x .060	22647	N/A
8156Bound	8 x 15-1/2 x .060	22646	N/A
8156MOLD	8 x 15-1/2 x .070	22677	N/A
8154LBDG	8 x 15-1/2 x .040	22667	N/A
8154BMG	8 x 15-1/2 x .040	22645	22681
8154LB	100 Pack	N/A	22699
9194LB	9 x 19-1/4 x .040	22702	N/A
9196LB	9 x 19-1/4 x .060	22701	N/A
6513 Wire Screen	15 / .009	22692	N/A
Fits H2-S Bump Cap:			
H26154LB	6 x 15-1/2 x .040	N/A	22722
H28154LB	8 x 15-1/2 x .040	N/A	22721

CAUTION: All faceshields must be worn with protective spectacles or goggles in accordance with ANSI Z87.1

LB = Without Binding B = Bound MG = Medium Green
DG = Dark Green Mold = Molded

NOTE: Special designs available. Call for information.

Anti-Rednecker™

- Non-durable flame retardant treated cotton provides neck and shoulder protection from harmful UV rays
- Readily fits any hard hat with supplied kit



SAFETY HELMETS

The Omega II Ratchet

"Secure-Fit" Ratchet Safety Helmet - Engineered to provide the finest combination of safety, comfort, and value in head protection.

The Omega II ...For Comfort and Value

Safety helmet specifically engineered to provide personal comfort without sacrificing value or protection.

Special Feature of Omega II: Sliding sizing mechanism quickly adjusts cap to the wearer's head size. Fits head sizes 6-1/2" - 7-3/4".

Special Feature of Omega II Ratchet: Patented "Secure-Fit" ratchet suspension is designed not to slip. Each turn of the ratchet knob automatically locks the adjustment with 50 meshing teeth. Provides a secure and comfortable fit. Fully adjusts from 5-7/8" - 8".



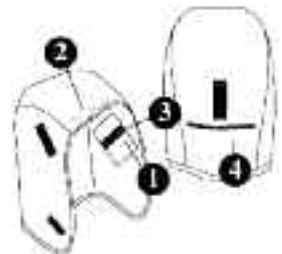
- Comfortable, impact-absorbing 6-point woven nylon suspension.
- Universal accessory slot accommodates a variety of eye, face, and hearing protection accessories.
- Fully cushioned brow pad absorbs moisture to help keep wearer cool and comfortable. Brow pad is removable, washable and replaceable.
- Sleek, ribbed design with low profile is molded from high density polyethylene for maximum protection and lightweight comfort.
- **COLORS for Omega II Ratchet:** Yellow, White, Beige, Black, Green, Gray, Orange, Red, Blue, and Hi-Viz Orange.
- **COLORS for Omega II:** Yellow, White, Beige, Black, Green, Gray, Orange, Red, Blue, and Hi-Viz Orange, Teal, Purple, Hi-Viz Pink, Hi-Viz Lime, Maroon, Dark Blue, and Gold.
- Logos or slogans may be imprinted on the front, back, and sides of caps in single or multi-color designs. State-of-the-art pad printing system creates a permanent, high quality imprint at the most affordable price.

The Omega II Ratchet and Omega II are made in America and meets all OSHA and ANSI Z89.1 Class A, B & C requirements.

**CLASSIC WINTER LINERS
Hot Rods™**

Features:

- 1) Warming Pack Pockets:** All HOT ROD liners have two built-in pockets, proximate to the workers's ears, which hold HOT RODS regular size Warming Packs. The Warming Packs will stay warm from 7 to 11 hours, depending upon how much oxygen they are exposed to and will keep the wearer's ears toasty warm.
- 2) Elastic for Snug Fit:** All HOT RODS winter liners are manufactured with a short elastic strip in the forehead area to keep the liner snug against the face to keep the cold air out!
- 3) Dupont Thermotex Ear Barrier:** Most models have warming pack pockets lined with Dupont's Thermotex, a lightweight microporous nonwoven material. This material provides extraordinary protection for sensitive ears against wind, water and cold. Thermotex offers excellent wind blocking. The stronger and cooler the wind, the greater the benefits when compared to many other thermo-insulation materials.
- 4) Reflective Strip:** All HOT RODS winter liners (except knitted tubes) have a unique strip of reflective film above the back of the neck, providing extra safety for those working near traffic.



- Hot Rod Collection Continues -

Head Protection

Super Economy Collection:

RC100 - 100% Cotton Canvas

- Single Layer
- Regular Length
- Color Beige
- Suspension and chin ties
- Pockets act as wind barriers
- No Thermotex
- NOT FLAME RESISTANT



RG200 - 100% Cotton Flannel

- Single Layer
- Regular Length
- Color Gold
- Cotton flannel and binding are flame retardant until washed
- Pockets act as wind barriers
- No Thermotex



All Purpose Collection:

RQ300 - 100% Quilted Nylon Shell, Foam Shell, Foam Middle & Fleece Lining.

- Three layers
- Regular Length
- Color: Green, Lining-Red
- Foam and binding are flame retardant until washed. Nylon shell, polyester Fleece and fasteners are flame resistant.



RQ301 - 100% Quilted Nylon Shell, Double Foam Middle Layer & Fleece Lining

- Three Layers
- Regular Length
- Color: Navy, Lining-Red
- Foam and binding are flame retardant until washed. Nylon shell, polyester fleece and fasteners are flame resistant.



RB405 - 100% Cotton Twill Shell with Fleece Lining

- Two layers
- Regular length
- Color: Shell-Navy Blue, Lining-Red Polyester Fleece
- Cotton twill and binding are flame retardant until washed.
- Fleece lining and fasteners are flame resistant.



RB420 - 100% Cotton Twill Shell with Heavyweight Fleece Lining

- Two layers
- Regular Length
- Color: Shell-Postman Blue, Lining-Red Polyester Fleece
- Cotton twill and binding are flame retardant until washed.
- Fleece lining and fasteners are flame resistant.



LB600 - 100% Cotton Twill Shell with Heavyweight Fleece Lining

- Two Layers
- Extra Long Nape
- Color: Shell-Navy Blue, Lining-Red Polyester Fleece
- Cotton twill and binding are flame retardant until washed.
- Fleece lining and fasteners are flame resistant.



SQ500 - 100% Quilted Nylon Shell, Foam Middle and Heavyweight Fleece Lining.

- Three layers
- Shoulder Length
- Color: Green, Lining-Red
- Foam and binding are flame retardant until washed. Nylon shell, polyester fleece and fasteners are flame resistant.



SB505 - 100% Cotton Twill Shell with Heavyweight Fleece Lining

- Two Layers
- Shoulder Length
- Color: Navy, Lining Red
- Cotton shell, polyester fleece and fasteners are flame resistant. Binding is flame retardant until washed.



SD580 - 100% Cotton Twill Shell with Heavyweight Fleece Lining

- Two Layers
- Extra Long Nape
- Color: Postman Blue, Lining-Red Polyester Fleece
- Cotton twill and binding are flame retardant until washed.
- Fleece lining and fasteners are flame resistant.



SC570 - 100% Cotton Twill Shell with Heavyweight Fleece Lining

- Two Layers
- Extra Long Nape
- Color: Postman Blue, Lining-Red Polyester Fleece
- Cotton twill and binding are flame retardant until washed.
- Fleece lining and fasteners are flame resistant.



Heavy Duty Warmth - Dupont Thermotex:

RT440 - 100% Cotton Twill Shell/ Thermotex Middle/ Heavyweight Fleece Lining

- Three layers
- Regular Length
- Color: Shell-Navy Blue, Lining-Red Fleece
- Outer shell and binding are flame retardant until washed. Thermotex, polyester fleece, chin strap and fasteners are flame resistant.



LT640 - 100% Cotton Twill Shell/ Thermotex Middle/ Heavyweight Fleece Lining

- Three Layers
- Long Neck
- Color: Shell-Navy Blue, Lining-Red Fleece
- Outer shell and binding are flame retardant until washed. Thermotex, polyester fleece and fasteners are flame resistant.



ST540 - 100% Cotton Twill Shell/ Thermotex Middle/ Heavyweight Fleece Lining

- Three Layers
- Shoulder Length
- Color: Shell-Navy Blue, Lining-Red Fleece
- Outer shell and binding are flame retardant until washed. Thermotex, polyester fleece and fasteners are flame resistant.



Heavy Duty Warmth - Sherpa:

LQ310 - 100% Quilted Nylon Shell, Foam Middle, Sherpa Lining

- Three Layers
- Long Neck
- Color: Black, White Lining
- Foam and binding are flame retardant until washed. Nylon shell and fasteners are flame resistant. Sherpa is not flame resistant.



NOTE: MP310 Mouthpiece Available Separately

LS610 - 100% Cotton Twill Shell with Sherpa Lining

- Two layers
- Long Neck
- Color: Navy, White Lining
- Outer shell and binding are flame retardant until washed. Fasteners are flame resistant. Sherpa is not flame resistant.



Safety Products

Head Protection

SS550 - 100% Cotton Twill Shell with Sherpa Lining

- Two Layers
- Shoulder Length
- Color: Navy, White Lining
- Outer shell and binding are flame retardant until washed. Fasteners are flame resistant. Sherpa is not flame resistant.



SS551 - 100% Cotton Twill Shell with Sherpa Lining

- Two layers
- Shoulder Length
- Color: Navy, White Lining
- Removable Mouthpiece
- Outer shell and binding are flame retardant until washed. Fasteners are flame resistant. Sherpa is not flame resistant.



Thermal Waffle Lining:

LW605 - 100% Cotton Twill Shell with Cotton Thermal Waffle Lining

- Two Layers
- Extra Long Nape
- Color: Shell-Postman Blue, Lining-Beige Thermal Waffle
- Cotton twill, lining and binding are flame retardant until washed
- Waffle lining and fasteners are flame resistant.



SW585 - 100% Cotton Twill Shell with Cotton Thermal Waffle Lining

- Two Layers
- Extra Long Nape
- Color: Postman Blue, Lining-Beige Thermal Waffle
- Cotton twill, lining and binding are flame retardant until washed.
- Straps and fasteners are flame resistant.



3M Thinsulate:

LN630 - 100% Cotton Twill Shell, Thinsulate Thermal Middle Layer & Heavyweight Fleece Lining

- Three layers Fleece Lining
- Long Neck
- Color: Navy with Red Lining
- Outer shell and binding are flame retardant until washed. Polyester fleece lining and fasteners are flame resistant



SN530 - 100% Cotton Twill Shell, Thinsulate Thermal Middle Layer & Heavyweight Polyester Fleece Lining

- Two Layers Fleece Lining
- Shoulder Length
- Color: Navy with Red Lining
- Outer shell and binding are flame retardant until washed fleece lining and fasteners are flame resistant.



All FR Winter Liners:

RB430 - 100% Cotton Twill Shell With Cotton Flannel Lining

- Two Layers
- Regular Length
- Color: Shell-Postman Blue, Lining-Gold Flannel
- All materials flame resistant. Cotton twill, flannel lining, FR cotton chin strap and binding are flame retardant.



SB520 - 100% Cotton Twill Shell With Heavyweight FR Polyester Fleece

- Two Layers
- Shoulder Length
- Color: Shell- Navy Blue, Lining- Red Fleece
- All materials flame resistant. Cotton twill, polyester fleece and binding are flame retardant until washed.



SX700 - 100% Nomex Outer Shell Modacrylic padding and 100% Proban Cotton Backing

- Three Layers
- Shoulder Length
- Color: Shell-Navy Blue, Lining- Gray Proban. Nomex IIIA and Modacrylic Padding are inherently flame resistant. Bindings and Velcro are FR. Nomex Thread.



Proban Winter Liners:

RP490 - 100% Cotton Proban FR-7A

- Two Layers
- Color: Blue Shell, Red Lining
- Regular Length
- Flame retardant for 25-50 washings
- Proban Chin Strap
- All materials are flame resistant or flame retardant.



LP690 - 100% Cotton Proban FR-7A

- Two Layers
- Colors: Blue Shell, Red Lining
- Long Neck Length
- Flame retardant for 25-50 washings
- Proban Chin Strap
- All materials are flame resistant or flame retardant



SP590 - 100% Cotton Proban FR-7A

- Two Layers
- Color: Blue Shell, Red Lining
- Shoulder Length
- Flame retardant for 25-50 washings
- Proban Chin Strap
- All materials are flame resistant or flame retardant.



MP490 - 100% Cotton Proban FR-7A

- Two Layers
- Mouthpiece fits RP490, LP690 and SP590
- Flame retardant for 25-50 washings



Combo Liners:

LZ620 - Zippered On/Off Bottom 100% Cotton Top with Polyester Fleece Lining 100% Polyester Bottom

- Color: Navy top, Black Bottom
- Button Closure
- Navy twill and binding are flame retardant until washed.
- Fleece and polyester are flame resistant. Buttons and zipper are all plastic-no metal parts.



LM660 - 100% Cotton Twill Shell and Heavyweight Polyester Fleece Lining

- Two Layers
- Color: Navy shell, red lining
- Extra Long Neck Length
- Removable Mouthpiece
- Navy twill and binding are flame retardant until washed. Fleece lining, chin strap and fasteners are flame resistant.



Leather Winter Liners:

RL470 - Suede Leather Outer Shell with Polyester Fleece Lining

- Two layers
- Regular Length
- Flame Resistant Leather
- Color: Black Shell, Red Lining
- Leather chin strap and durable FR binding.



Head Protection

LL670 - Suede Leather Outer Shell With Polyester Fleece Lining

- Two Layers
- Long Neck Length
- Flame Resistant Leather
- Color: Black Shell, Red Lining
- Leather chin strap and durable FR binding.



RL480 - Suede Leather Outer Shell with 100% Proban FR-7A

- Two Layers
- Regular Length
- Flame Resistant Leather and Proban FR-7A
- Color: Black Shell, Red Lining
- Leather chin strap and durable FR binding.



LL680 - Suede Leather Outer Shell with 100% Proban FR-7A Lining

- Two Layers
- Long Neck Length
- Flame Resistant Leather and Proban FR-7A
- Color: Black Shell, Red Lining
- Leather chin strap and durable FR binding.



Mouth Pieces:

MP40 - 100% FR Cotton with Fleece Lining

- Two Layers
- Color: Navy shell, red lining
- Cotton and binding are flame retardant until washed. Other materials are flame resistant.
- Elastic Strap



MP310 - 100% Nylon Shell, Foam Middle, Sherpa Lining

- Three Layers
- Color: Black Shell, white lining
- Foam and binding are flame retardant until washed. Sherpa is not FR.
- Elastic Strap



Knitted Tube Liners:

RK800 - 100% Polyester Red, Navy Or Hi-Viz Orange

- Fits snugly over hard hat.
- Does not have Thermotex ear barriers, reflective strip, gap eliminator or warming pack pockets.
- FLAME RESISTANT



LK810 - 100% Polyester Red, Navy Or Hi-Viz Orange

- Covers full face
- Fits snugly over hard hat
- Does not have Thermotex ear barriers, reflective strip, gap eliminator or warming pack pockets.
- FLAME RESISTANT



No Frills Liners:



XX301

XX405

XX600

XX550

Budget Stretchers: Similar to our model #s RQ301, RB405, LB600 and SS550 but without reflective strip, heat pack pockets, Thermotex and forehead elastic. XX models have the same FR characteristics and the same quality as regular Hot Rod models.

All Fleece Collection:

RF450 - 100% Super Heavyweight Polyester Fleece

- Single Layer
- Regular Length
- Color Charcoal Gray
- Fleece, fasteners and chin strap are flame resistant. Binding is flame retardant until washed.



LF650 - 100% Super Heavyweight Polyester Fleece

- Single Layer
- Long Neck
- Color Charcoal Gray
- Fleece, fasteners are flame resistant. Binding is flame retardant until washed.



SF560 - 100% Super Heavyweight Polyester Fleece

- Single Layer
- Shoulder Length
- Color Charcoal Gray
- Fleece and fasteners are flame resistant. Binding is flame retardant until washed.



LF648 (Navy)/LF649 (Camouflage)

100% Super Heavyweight Polyester Fleece

- Single Layer Shoulder Length
- Colors: Navy or Camouflage
- Mesh Mouth/Nose Opening
- Fleece and fasteners and Binding are flame resistant.



Sport Style Fleece Liners

- Team up with plush, super heavyweight, anti-pilling polyester upper and lower section.
- Flame resistant
- Has heat pack pockets and reflective strip.
- Inquire about other colors.



LF652
Green/Yellow

LF653
Navy/Orange

LF654
Black/ Yellow

LF655
Black/Silver

LF659
Camouflage

SEASONAL ACCESSORIES:

Ranger Hat #1062

Wind resistant, waterproof, poly/cotton outer side, fleece lining to keep you warm and dry in blizzard or drizzle. Can be worn alone or with one Large HOT RODS Warming Pack in top of hat, plus two Regular Warming Packs at ears, included free. Ear flaps can be worn down or tucked inside. Bolo strap tie, generous brim.

COLORS: Black, High-Viz Orange

ONE SIZE FITS ALL



Neck Warmer #1020

Put climate control on your side with our cuddly fleece Neck Warmer. Can be worn alone or with either one Tubular or three Regular HOT RODS Warming Packs, included free, for toasty warmth around neck. Fleece can be extended up to cover cheeks and nose.

COLOR: Navy, Green

ONE SIZE FITS ALL



Safety Products

Seasonal Accessories

Balaclava - 1025

Hooded Neck Warmer with three Suspension Tabs. Can be worn alone or with either one Tubular or three Regular HOT RODS Warming Packs, included free, for power warmth at the neck. Balaclava style protection was originally designed for soldiers and mountaineers of Russia. Keeps head, neck, cheeks and nose warm and can be pulled below chin to be worn as a neck warmer with hood.
COLORS: Navy, Green, Black, Blue
ONE SIZE FITS ALL



Collar Bandanna - 1049

The heat is on with our Cotton outer, poly/cotton lined Collar Bandanna that delivers all day neck warmth.

Bandanna comes with one tubular or three Regular HOT RODS Warming Packs.

COLORS: Navy, Cowboy Red, High-Viz Orange, Denim, Black and hand-crafted Batik fabrics: Cave Man, Totem and Others.
ONE SIZE FITS ALL



Headband - 1051

Face winter head on with our cozier than cashmere fleece headband. Can be worn alone or with Regular HOT RODS Warming Packs, included free, for generating high caliber warmth at ears.

COLORS: Navy, Green, Black & Blue
SIZES: S/M or L/XL



Vest - 1000

Lightweight nylon shell plus hook and loop side closures and zipper front styling deliver a perfect, non-binding fit. This ideal wind breaking Vest won't let workers get stalled out by cold weather. Vest includes six Large HOT RODS Warming Packs, free, to keep upper body, back and chest warm.

COLOR: Navy
SIZES: S, M, L or XL



Warming Packs

Warming Pads help you stay warm so you can stay, play & work outside! Use Warming packs in your gloves, boots, under your collar or in other winter accessories & Winter Liners.

- Just open to activate.
- Nontoxic.
- Warm in minutes.
- No shaking necessary.
- Hand and neck warmers last 7-11 hours.
- Shelf life of four years.
- Large warmers last 16-20 hours.
- Toe warmers last up to 5 hours.
- Disposable.
- Easy to replace.
- Inexpensive enough to use every day.
- Biodegradable, won't harm the environment.
- Safe, dry and clean



1100-10R

- 1040-10T – Neck Warmer (fits under shirt collar) Tubular Size, Pack of 10
- 1100-10R – Hand Warmer, Regular Size, Pack of 5 Pairs
- 1106-10TW – Toe Warmer (comes w/adhesive strips), Pack of 5 Pairs
- 1102-10L – Large Warmer, Large Size, Pack of 10

Drybrow® Sweatbands Cool Blue Ones™

AA-100

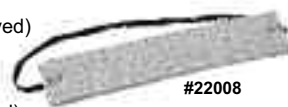
- #22008
- Deluxe, full size (8-5/8" long)
- Packaged 25/bag; individually sleeved for increased shelf life

AA-101

- #22009
- Packaged 100/bag (not individually sleeved)

AA-103

- #22011
- Packaged 25/bag (not individually sleeved)



#22008

– continues –

Drybrow® Sweatbands Cool Blue Ones™ (continued)

AA-102

- #22010
- Deluxe clip-on, full-size (8-5/8" long)
- Fits on a hard hat, welding helmet or sandblast hood
- Packaged 25/bag (not individually sleeved)



#22010

DB-801

- #22013
- Economy price range
- Full-size (8-5/8" long)
- Packaged 100/bag (not individually sleeved)



#22013

DB-803

- #22017
- Packaged 25/bag (not individually sleeved)

Icy Blue Ones™ Cooling Products

Advanced polymers, sophisticated fabrics and exceptional craftsmanship. A unique combination makes these sweatbands perform like nothing you've worn before. Icy Blue Ones™ cooling products are designed for convenience and comfort.

To use, soak in cool water for up to twenty minutes. Remove from water when desired size is reached. They'll keep you cool and refreshed for up to 24 hours!

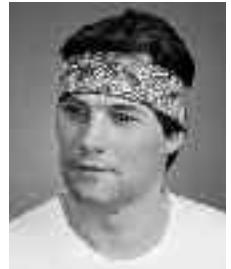
IB-901C

- #22046
- Bandanna style
- Fast, cool relief from heat
- Tie around neck or forehead
- American flag model - #22038
- Economy blue model - #22039



IB-902F

- #22040
- Head band style keeps brow cool and keeps sweat from dripping into eyes
- Wraps around brow with convenient hook and loop fasteners
- Economy blue model - #22041



IB-900F

- #22037
- Top of head style
- Keeps head cool while wearing hard hat
- Attaches to hard hat suspension with convenient hook and loop fasteners



IB-904F

- #22044
- Browmount style keeps brow cool while wearing hard hat
- Attaches to hard hat suspension with convenient hook and loop fasteners



Hearing Protection

HEARING PROTECTION

Hearsafe™ 2000:

American Allsafe® offers comfortable, stylish hearing protection to suit a wide range of needs and preferences. Earmuffs are designed in styles that can dampen both intermittent or constant high-frequency noise, while still allowing lower-frequency sounds through. Our earmuffs are designed to offer a competitive noise reduction rating (NRR), a measurement that indicates how much hearing protection a unit offers.

Also included in Allsafe's line of hearing protection are convenient, comfortable, reusable and disposable ear plugs, as well as versatile hearing bands designed for easy usage with safety glasses, helmets or other headgear.

HearSafe™ HS-2900

#23277

- NRR: 29
- Offers effective protection, low weight and optimum comfort
- Wider ear cushions spread pressure over a larger area
- Fully Adjustable tension position



HearSafe™ HS-2220

#23261

- NRR: 22
- Economical, lightweight, dielectric muff
- Extra wide cups for maximum comfort can be worn by a variety of users

Hygiene kit available for HearSafe™ 2000 line: #23260, #23269, #23256, #23255



LowPro™ 2300

#23260

- NRR: 23
- Low profile lightweight earmuff folds up for convenient carrying and storage
- Sleek headband is adjustable for secure fit



LowPro™ 2600

#23269

- NRR: 26
- Deep cups provide high attenuation without high headband pressure
- Folds up for convenient carrying and storage
- Low profile sleek headband is adjustable for secure fit



HearSafe™ HS-2524

#23256

- NRR: 25
- Designed for three positional fit
- Dielectric muff



HearSafe™ HS-2222

#23255

- NRR: 22
- Uniquely designed for all day comfort
- Economical, lightweight, dielectric muff



CapMate™ HS-28

#23276

- NRR: 28
- State-of-the-art system for use with universal slot safety caps



CapMate™ HS-22

#23205

- NRR: 22

Disposable Foam Plugs and Hearing Bands:

Disposable Foam Plug

#23250

- NRR: 29
- Tapered design for better fit
- Softens with body heat and is more comfortable over time
- Bright red color helps to indicate compliance
- Does not absorb as much water or perspiration as several competitive plugs



A-6800

#87034

A-6900 (corded)

#87035

- NRR: 31
- Designed for easier insertion and wearing
- A-6900 is corded – ideal for food processing and other applications



SparkPlugs™

Uncorded #87038

Corded #87039

- NRR: 31
- Fun-colored SparkPlugs™ spark up hearing protection programs
- Extra-soft, low pressure foam for extra comfort
- *SparkPlugs™ is a registered trademark of Moldex*



HearSafe™ T230

#23268

- NRR: 23
- 1/2 oz. dielectric band
- Silicone plugs are comfortable and mold quickly to the ear canal for custom fit
- Can replace ear plugs or muffs
- Low profile band does not interfere with hard hats or spectacles
- Value and durability, compared to competitive "name-brands"



Reusable Hearing Protection:

Rocket™

Uncorded #87040

Corded #87041

- NRR: 26
- Easy grip handle lets them easily slip into the ear
- Air cushioned for comfort
- *Rocket™ is a registered trademark of Moldex*



Economy Plugs

Description	Size	Item No.
Safety Ear Plug Cone Shape with Inserter w/o Cord. NRR: 24	AP-1	23231
Safety Ear Plug Cone Shape with Inserter with Cord. NRR: 24	APC-1	23229

Plug Tails™

3-in-1 Flexibility

#23358

- NRR: 25
- Unique patented all-in-one plugs and spectacle lanyard
- New soft reusable silicone plugs for comfort
- Hangs safely around your neck. You won't lose plug or scratch spectacles
- One size fits all
- Replacement triple flange silicone plugs with air trapped inside for added comfort (#23287)



Safety Products

Welding Protection

ALLWELD™ WELDING HELMETS

NOTE: ALLWELD™ Helmets are supplied with polycarbonate Filter Plates

Auto Darkening Filter Technology:

A combination that features a lightweight and durable thermoplastic helmet for safety with an auto darkening lens that provides instant eye protection.

351 VS

#30042

- 4-1/2" x 5-1/4" fixed front Auto Darkening lens
- 2" x 4-1/4" viewing area, variable shade 9-12
- Reacts to arc in less than 1/25,000 of a second
- Automatically lightens up to a shade 4 for prep work
- Battery operated
- Auto Darkening replacement lens ADF 2 available - #30039



381 S

#30007

- 2" x 4-1/4" SoWeld™ Auto darkening lens
- 3.7" x 1.42" viewing area
- Reacts to arc in less than 1/10,000 of a second
- Solar powered single detector light sensor
- SoWeld™ replacement lens also available. Retrofits in any 2" x 4-1/4" welding helmet - #30008



351 IV

#30041

- 4-1/2" x 5-1/4" Auto Darkening lens
- 2.4" x 3.8" viewing area
- Provides a high speed filter with fine tuning controls, shade 9-12
- Sensitivity adjustment that controls the amount of light required to switch from light to dark and dark to light
- Automatically lightens up to a shade 2.75 for prep work
- Replacement lens includes brackets to fit any manufacturer's helmet with large window opening
- Battery operated
- Auto darkening replacement lens ADF 1 available - #30038



Allweld™ Auto Darkening Filter Technology

The World's Fastest Switching Technology

ALLWELD™ brand welding filter deliver dependable, uncompromising eye protection. ADF (Auto Darkening Filters) are the most advanced electronic lenses available.

You may choose from two battery operated ADF's that react to an arc in 1/25,000 of a second and provide variable shade, sensitivity control, variable dark-to-light delay and a low battery indicator.

ALLWELD's other option is SoWeld™, an energy efficient electronic lens that is powered by light (the brightness of the sun) and even the arc as you weld.

By enhancing worker efficiency and safety, and reducing the risk of neck strain and injury, auto darkening filters can actually improve the quality of the weld. ADFs allow the welder to see where they are positioned before striking an arc, and the need to "nod" down the helmet is eliminated.

The best protection, the most productivity - that's what you get with ALLWELD™ Auto Darkening Technology.

Features:

- SUPER HIGH SPEED SWITCHING - that reduces most of the arc's start-up flash maximizing safety and minimizing discomfort for the welder.
- CONSISTENT PERFORMANCE - Auto darkening will switch from light to dark in the same amount of time and reach the same dark state shade, every time it switches, for the life of its battery.
- INDEPENDENT, REDUNDANT LIGHT SENSORS - Two (2) independent light sensors for ADF 1 and 2 provide exactly the same level of switching speed performance even if one of its sensors is covered or damaged.
- UV and IR PROTECTION AT ALL TIMES - Filters and polarizers built into the auto darkening filter provide UV and IR protection at all times.



SoWeld™ #30008



ADF 1 #30038



ADF 2 #30039

Auto Darkening Filter Technology (continued)

- PERIPHERAL VISION - Peripheral vision will see more light than direct vision around the outside edge of the filter than through the center enabling the welder to peripherally see motion in the work area.
- AUTOMATIC SHUT-OFF - has a timing circuit that turns off the power 28 minutes after it was last switched by an arc.
- SENSITIVITY ADJUSTMENT - Adjustment control for use in a variety of lightening conditions.

WARNING: Welding Helmets do not provide unlimited face and eye protection.

Thermoplastic Helmets:

Made with lightweight, tough, washable thermoplastic. The adjustment system ensures a snug, comfortable fit that won't slip.

330 Thermoplastic Helmet

#30002

- 2" x 4-1/4" flip front lens, shade 10



311 Thermoplastic Helmet

#30000

- Ratchet adjustment system
- 2" x 4-1/4" fixed front lens, shade 10



351 Thermoplastic Helmet

#30001

- 4-1/2" x 5-1/4" fixed front lens, shade 10

Fiber Welding Helmets

Vulcanized fiber shell that's lighter than plastic helmets, comfortable with high heat resistant for heavy-duty welding.

290

#30004

- Quick-Slide™ glassholder removes the need to flip-up helmet
- 2" x 4-1/4" fixed front lens, shade 10



251

#30003

- Big Window® visibility
- 4-1/2" x 5-1/4" fixed front lens, shade 10



Safety Plates

- Polycarbonate safety plates for lenses in .060" thickness that protect the filter lenses from slag, grit and debris

Description	Lens Size (in)	Item No.
Model BP/IV back plate	2-5/8 x 4-1/4	30040
Model 51/front safety plate	4-1/2 x 5-1/4	30028
Model 11/back plate	2 x 4-1/4	30029

Replacement Filter Plates

- Polycarbonate filter lenses offer impact resistance far superior to glass
- Meets all applicable ANSI standards

Model/Shade #	Lens Size	Item No.
114/shade 4	2" x 4-1/4"	30018
115/shade 5	2" x 4-1/4"	30019
1110/shade 10	2" x 4-1/4"	30020
1111/shade 11	2" x 4-1/4"	30021
1112/shade 12	2" x 4-1/4"	30022
5110/shade 10	4-1/2" x 5-1/4"	30023
5111/shade 11	4-1/2" x 5-1/4"	30024
5112/shade 12	4-1/2" x 5-1/4"	30025
504/shade 4	50mm	30026
505/shade 5	50mm	30027

Welding Protection

ALLWELD™ WELDING EQUIPMENT

NOTE: ALLWELD™ Goggles are supplied with polycarbonate Filter Plates

Allweld™ Goggles:

AW3 Goggle

#30036

- 2 piece lens surrounded by foam rubber for comfort, shade 3
- Side vents to increase air flow
- Fits naturally to contour of face blocking out contaminants
- Also available in shade 5, AW5



Hard Shell Goggle

#30030

- 2" x 4-1/4" filter plate, shade 5



Plastic Cup Goggle

#30031

- 50mm lens, shade 5



Soft Vinyl Goggle

#30032

- 50mm lens, shade 5



Soft Vinyl Lift Front Goggle

#30033

- 50mm lift front, shade 5



Vinyl Goggle

#30035

- 2" x 4-1/4" filter plate, shade 5



Vinyl Lift Front Goggle

#30034

- 2" x 4-1/4" lift front filter plate, shade 5



Attachments:

Metal Detach Pins

#30010

- Allows for easy attachment and adjustment of a welding helmet to a safety cap



Leather Bib with Clips

#30009

- Provides added protection to the welder's neck and chest. Heavy duty clips secure bib to helmet



Cap Mounting Blade Kit

#30012

- Provides quick and easy method of removing and/or attaching welding helmet to a hard hat. Use with metal detach pins, #30010



Hard Cap Adapter A Clips

#30013

- An adapter that lets you attach all Allsafe welding helmets safely and securely to a RAM safety cap



Hard Cap Adapter J Clips

#30014

- An adapter that lets you attach all Allsafe welding helmets safely and securely to Allsafe AS16 fiberglass safety cap

Non-Slot Cap Attachment

#30016

- Allows attachment of practically any welding helmet to any non-slotted safety cap



Replacement Suspension

#30017

- ALLWELD™ helmets have the high performance ratchet adjustment system that allows the wearer to adjust the headgear in 1/16" increments to exact head size, simply by turning a knob. The system is durable and long lasting because the teeth automatically disengage while the headgear is being adjusted.



Standard Cap Attachment

#30015

- Allows attachment of practically any welded helmet to any safety cap, slotted or non-slotted



Welder's First Aid Kit

#28605

Kit Contains:

- 1 Plastic Container
- 1 Abdominal pad 5" x 9" sterile
- 3 Ammonia inhalant pads
- 10 Benzalkonium chloride antiseptic towelettes
- 1 Cold pack, instant
- 1 Compress bandage 4"
- 2 Eye pads
- 1 Eye Wash 1 oz.
- 1 Gauze bandage 2" x 6 yds. sterile
- 4 Gauze pads 3" x 3"
- 4 Medical exam gloves
- 4 Non-adherent gauze pads 2" x 3" sterile
- 1 Scissor 4"
- 1 Splinter forceps 3-1/2"
- 1 Tape 1/2" x 5 yds.
- 1 Triangle bandage
- 1 Waterjel burn dressing 2" x 6" sterile
- 2 Waterjel burn dressing 4" x 4" sterile
- 10 Waterjel cool jel 3.5 g



Safety Products

Respiratory Protection

RESPIRATORY PROTECTION

Respirators with Protection and Comfort:

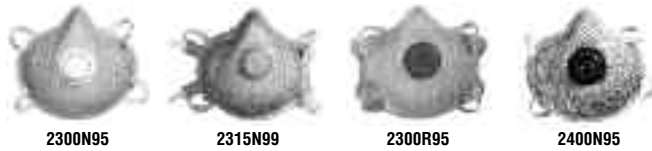
Our respiratory program is designed to filter out contaminants and to fit snugly yet comfortably to avoid leaks. Our product line consists of disposable respirators, fully assembled respirators, replacement cartridges and filters and welding respirators. They provide protection from hot, humid, dusty environments to filtering out hazards such as organic vapors, paint spray and pesticides and multi-gas vapors.

NIOSH 42CFR84

NIOSH's 42CFR84 standard for particulate respirators provides for filter efficiency and filter degradation. The efficiency levels are 95%, 99% and 99.7%, which correspond to the numerical designation 95, 99 and 100. Selection of filter efficiency depends on how much filter leakage can be accepted.

Resistance to filter degradation is labeled N, R and P. N means the filter is not resistant to oil. R means the filter is oil resistant and the P means the filter is oil-proof. Selection of an N, R, or P series filter depends on the presence or absence of oil particles. For environments that do not contain oils, N, R or P is appropriate. If the environment contains oils (or you are not sure) then an R or P filter should be used.

Disposable Respirators - Welding Particulate



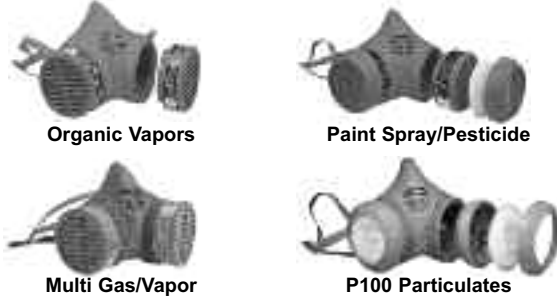
Description	Hazard	Model No.	Size	Item No.
Exhale valve reduces hot air buildup. Ideal for hot, humid, dusty environments. Collapse resistant shell.	Non-Oil Based	2300N95	M/L	94076
Soft foam nose seal and adjustable straps. Fits easily under welding helmets. Higher level of protection.	Non-Oil Based	2315N99	M/L	94408
Exhale valve reduces hot air buildup. Ideal for hot, humid, dusty environments. Collapse resistant shell.	Oil and Non-Oil Based	2300R95	M/L	94407
Added charcoal layer filters out nuisance levels of organic vapor and ozone. Exhale valve reduces hot air buildup.	Non-Oil Based plus Nuisance Levels of Ozone and Organic Vapor	2400N95	M/L	94409

Disposable Respirators



Description	Hazard	Model No.	Size	Item No.
Adjustable metal nosepiece. Ideal for dusty environments.	Non-Oil Based	2001N95	M/L	28083
Collapse resistant shell, molded nose bridge for comfort. Ideal for dusty environments.	Non-Oil Based	2200N95	M/L	94075
No NIOSH approval. Adjustable metal nosepiece. Lightweight fiber for comfort.	Non-Toxic	Non-Toxic Dust Mask	M/L	28076

Assembled Respirators with Cartridges or P-100 Disks



Hazard	Model No.	Size	Item No.
Organic Vapors	8102	M	94797
	8103	L	94798
Paint Spray/Pesticide Paint, Lacquer and Enamel Mists, Pesticides, Organic Vapors and Dusts and Mists. Waterbased only. Not for use against two-part isocyanate paints or oil based particulates.	8112N	M	94795
	8113N	L	94796
	8112K	M	94794
Multi Gas/Vapor Organic Vapors, Ammonia, Methylamine, Chlorine, Hydrogen Chloride, Sulfur Dioxide, or Hydrogen Fluoride, or Chlorine Dioxide, or Formaldehyde or Hydrogen Sulfide (escape only)	8602	M	94799
	8603	L	94800
P100 Particulates Dusts, Fumes, Mists, Radionuclides, Radon daughters and Asbestos-containing dusts and mists.	8941	S	94940
	8942	M	94941
	8943	L	94942

Replacement Cartridges/Filters



Hazard	Model No.	Size	Item No.
Organic Vapors	8100	N/A	94926
Multi Gas/Vapor Organic Vapors, Ammonia, Methylamine, Chlorine, Hydrogen Chloride, Sulfur Dioxide, or Hydrogen Fluoride, or Chlorine Dioxide, or Formaldehyde or Hydrogen Sulfide (escape only)	8600	N/A	94933
	8940	N/A	94948
P100 Particulates Dusts, Fumes, Mists, Radionuclides, Radon daughters and Asbestos-containing dusts and mists.			

Facepiece Assembly



Description	Model No.	Size	Item No.
Facepiece Includes head strap assembly and exhale valve assembly	8001	S	94935
	8002	M	94936
	8003	L	94937

Protective Gloves

PROTECTIVE GLOVES

Heatkeep® Lined Work Gloves

Kinco's Heatkeep® lining surpassed the insulation capability of Thinsulate and Thermolite® in extensive laboratory testing. The lining is so warm, it's used in ski & snowmobile gloves too!

Strong & supple grain pigskin is used. Tanned to perfection, when our pigskin gets wet from use, it dries soft, and ready for work!

1927 - The Original, Sizes: S, M, L, XL

1927KW - Knit Wrist, Sizes: S, M, L, XL

94HK - Insulated Drivers, Sizes: S, M, L, XL



Leather Palm Gloves

Clute Pattern & Knit Wrist

100 - Shoulder Leather, Knit Wrist, Men's Size

350-EA - Select Shoulder Leather, Knuckle Strap, Leather Finger Tips, Knit Wrist.

Gunn Pattern, Safety Cuff

400SC - Economy Shoulder Leather, 2-1/2" Starched Safety Cuff

558 - Shoulder Leather, 2-1/2" Rubberized Safety Cuff, Men's Size.

Gunn Pattern, Double Palm

500DP-A - Premium Select Shoulder Leather, Double Palm & Index Finger, 2-1/2" Rubberized Safety Cuff, Mens' Size

Premium Gunn Pattern

500DP-AAA - Select Heavy Side Split Leather, Double Palm, Index Finger & Middle Fingers, 2-3/4" Rubberized Safety Cuff, Sewn w/Kevlar® Thread. S,M,L,XL

Gunn Patterns & Gauntlets

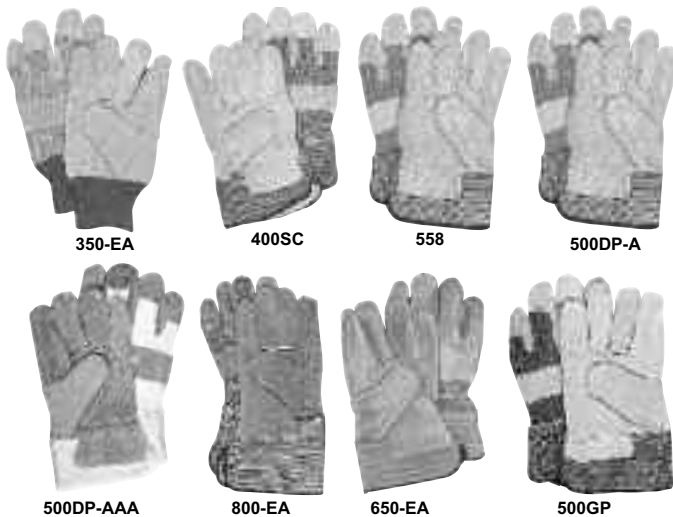
800-EA - Select Shoulder Leather, 4-1/2" Rubberized Gauntlet Cuff.

Special Purpose

650-EA - Select Shoulder Leather, 3/4" Leather Back, 2-1/2" Rubberized Safety Cuff

Grain Leather

500GP - Grain Pigskin Leather, 2-1/2" Rubberized Safety Cuff



Driving Gloves

Lined Cowhide Driver's Gloves

This premium brushed suede cowhide glove has a heavy pile lining. A popular glove for cold weather. Combined comfort, flexibility & durability. Gunn cut pattern w/keystone thumb.

2139M - Med., **2139L** - Large, **2139X** - X-Large

Economy Russet Cowhide Driver's Gloves

Durable yet economical unlined split cowhide glove features gunn cut pattern w/wing thumb. Has a shirred elastic back.

2319M - Med., **2319L** - Large



PVC Gloves

Smooth, Foam & Jersey Lined

J1017 - Black, 10" Fully Coated, Smooth Finish, Jersey Lined.

1007OR - Orange, Knit Wrist Fully Coated, Smooth Finish, Foam Lined

1017OR - Orange, 10" Fully Coated, Smooth Finish, Foam Lined

1027OR - Orange, 12" Fully Coated, Smooth Finish, Foam Lined

Smooth, Interlock Lining

1007 - Black, Knit Wrist, Fully Coated, Smooth Finish, Interlock Lined

1027 - Black, 12" Fully Coated, Smooth Finish, Interlock Lined

1047 - Black, 14" Fully Coated, Smooth Finish, Interlock Lined (not shown)

1087 - Black, 18" Fully Coated, Smooth Finish, Interlock Lined

Semi-Rough Grip

1007R - Black, Knit Wrist, Fully Coated, Semi-Rough, Interlock Lined



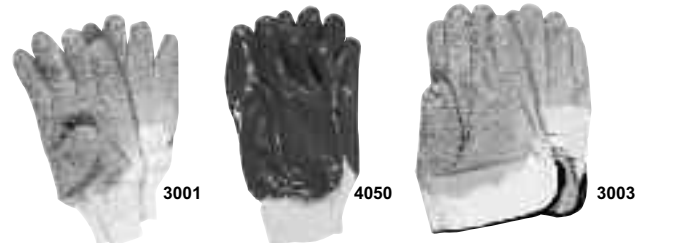
Nitrile & Rubber Gloves

Liner Dipped Coated

3001 - Rubber Palm Coated, Crinkle Finish, Jersey Lined, Knit Wrist

3003 - Rubber Palm Coated, Crinkle Finish, Jersey Lined, 2-1/2" Rubberized Safety Cuff

4050 - Nitrile Palm Coated, Jersey Lined, Knit Wrist



Vinyl Impregnated Gloves

205 - Knit Wrist, Yellow Vinyl Impregnated Palm, White canvas Back, Men's Sizes

3962 - Vinyl Impregnated, Yellow Color, Jersey Lined, Slip on Style, Sizes: S, M, L, XL



Driving Gloves

Gunn Cuff, Slip-On Style, Shirred Elastic Back

990 - Top Grain Cowhide Leather, Sizes: S, M, L, XL



Safety Products

Protective Gloves

Disposable Gloves

Latex & Vinyl

- 2500 - Medical Grade, 5 mil, Lightly Powdered, Latex Examination, Sizes: XS, S, M, L, XL
- 2500I - Industrial Grade, 5 mil, Lightly Powdered, Latex Examination, Sizes M & L.
- 2700 - Industrial Grade, 5mil, Lightly Powdered, Vinyl Examination, Sizes: S, M, L, XL
- 2800 - Medical Grade, 5mil Powder Free, Latex, Examination, Sizes S, M, L, XL



2800

Imported Cotton

Canvas

- 708 - 8 oz., Canvas, Knit Wrist, Men's Sizes
- 780 - Plastic Dot on Canvas, Knit Wrist, Men's Sizes

Jersey

- 750 - 9 oz., Brown Jersey, Clute Pattern, Men's Sizes
- FM18KW - 18 oz., Full Chore, Knit Wrist, Men's Sizes

Hot Mills

- 7900 - Heavy Weight, Hot Mill, Band Top, Knuckle Strap, Men's Sizes
- 7900G - Heavy Weight, Hot Mill, 4-1/2" Gauntlet Cuff, Knuckle Strap, Men's Sizes
- 718NO - 18 oz., Cotton Canvas, Nap-out Palm, Knit Wrist

Strings

- 708SKBS - Cotton String Knit, PVC Mini Dots Both Sides, Men's Sizes
- 708S - Cotton String Knit, Men's Sizes



708



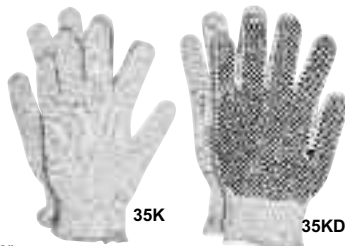
Kevlar® Gloves & Sleeves

Gloves

- 35K - 100% Kevlar®, Regular Weight, Men's Sizes
- 35KD - 100% Kevlar®, Regular Weight, Dots on one side, Men's Sizes

Sleeves

- 2510K - 100% Kevlar®, 10" Sleeve
- 2512KT - 100% Kevlar®, Thumb Slot, 12" Sleeve



35K

35KD



2510K



2512KT

Welding Gloves

Grey Shoulder Leather

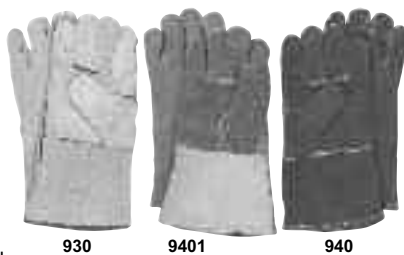
930 - Men's Size, Also Available in Left & Right Hand Only.

Grey Side Split Leather

9401 - Sewn w/Kevlar® Thread, Straight Thumb, w/Thumb Strap

Green Side Split Leather

940 - Sewn w/Kevlar® Thread



930

9401

940

Welding Gloves

Wool & Mylar Lined Gloves

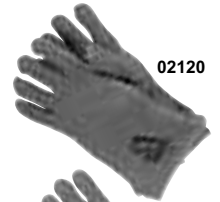
- Provides the ultimate in protection & durability

Features an inner layer aluminized Mylar® which protects the back of the hand from radiant heat & ultraviolet radiation.

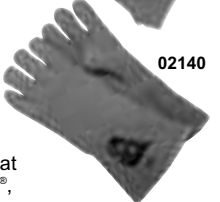
This aluminized layer sits between a wool lining & an outer shell of side split cowhide. Made in USA

02120 - Color: Brown

0212L - Left Hand Only, Color: Brown



02120



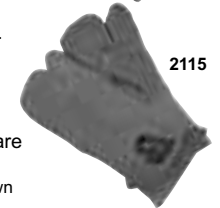
02140

Wool Lined Welding Gloves

Similar in construction to the 02120 glove except that it does not have the inner layer of aluminized Mylar®, & all fingers are welted.

Features a wool lining for added thermal protection. Made in USA

02140 - Color: Brown



2115

One-Fingered Welding Mittens

Features a full cotton lining. Thumb & index finger are free for greater dexterity. Made in USA

02115 - Color: Brown / 2115L - Left Hand Only, Color: Brown

Tig Gloves

Sheepskin TIG Gloves

This grained leather sheepskin glove provides an excellent balance between the sensitive touch needed for TIG work & the durability required in production situations.

The supple sheepskin is sewn in a gunn cut pattern w/ a straight thumb. Glove is unlined for maximum feel. Made in USA

02100 - Small / 02101 - Med.

02102 - Large / 0210E - X-Large



02102

Sheepskin TIG Gloves w/Cowhide Back

Grained leather sheepskin glove provides the sensitive touch required for TIG work & features cowhide back & a 2" cowhide safety cuff for added protection & durability. Unlined for maximum feel. Made in USA

02030 - Small / 02031 - Med.

02032 - Large / 02033 - X-Large



02032

Short Cuff Deerskin TIG Gloves

This gloves is made from super-soft deerskin split leather. Sewn in a gunn cut pattern w/ a wing thumb. A 2" leather band top is sewn inseam to the glove. Unlined for maximum feel. Made in USA

02214 - Small / 02215 - Med. / 02216 - Large



02216

IronClad Gloves:

General Utility

- Hook & loop cuff closure
- Terry cloth thumb upper
- Amara reinforced thumb, finger tips, and saddle
- Breathable, 2 way stretch spandex top
- Protected Knuckle area
- Double stitched Amara palm pads
- One piece, high tech synthetic suede, Amara palm
- Reinforced finger tips

IC-0200GRBBU S, M, L, XL, XXL Black

IC-1111GRBOU S, M, L, XL, XXL Safety Orange



Protective Gloves/Protective Footwear

Heavy Utility

- Hook & loop, soft rubber cuff closure
- Terry cloth thumb upper
- Kevclad® reinforced saddle
- Breathable, 2 way stretch spandex top
- Amara reinforced thumb and finger tips
- Ultra abrasion resistant, double-stitched, Kevclad® palm and finger-tip pads
- One piece Amara palm



IC-0300GRBYU S, M, L, XL, XXL Two-tone, Black & Silver

Framer

- Hook & loop, soft rubber cuff closure
- Breathable, 2 way stretch spandex top
- Short - 3° finger design
- Overlock stitching won't stretch out or fray
- Terry cloth upper
- Ultra abrasion resistant, Kevclad® palm and finger-tip pads
- One piece Amara palm
- Kevclad® reinforced saddle



IC-0400GRBYF S, M, L, XL, XXL Two-tone, Black and silver

Wrenchworx

- Heavy duty polymer, hook & loop cuff closure
- Breathable neoprene protected knuckle area
- Terry cloth thumb upper
- Breathable, 2 way stretch spandex top
- One piece, high tech synthetic suede, Amara palm
- Double stitched Amara palm pads in critical wear areas
- Hidden finger seam stitching
- Amara reinforced thumb and saddle



IC-0900GRBBM S, M, L, XL, XXL Black

Box Handler

- Hook & loop, cuff closure
- Terry cloth thumb upper
- Breathable, 2 way stretch spandex top
- Protected knuckle area
- Diamondclad® reinforced saddle
- Super tacky Diamondclad® palm



IC-0600GRBBS S, M, L, XL, XXL Black

Workforce

- Driver style easy elastic entry
- Protected knuckle area
- Breathable, 2 way stretch spandex top
- Amara reinforced thumb and saddle
- Reinforced fingertip guards
- Double stitched interior palm pads
- One piece, high tech synthetic suede, Amara palm



IC-0700GRGGU S, M, L Silver

IC-0777GRBGU S, M, L Black

IC-2222GRBOU S, M, L Safety Orange

PROTECTIVE FOOTWEAR

Monarch Vinyl Chest Wader - Safety Toe

87152 - Men's Sizes 3-14

- High molecular weight PVC compound
- Safety toe meets or exceeds ANSI M I/75 C/75 specifications.
- CSA Grade 1 toe protection.
- Net lined for easy on and off.
- Molded-in insole.
- Bar cleat outsole design for traction.
- Excellent in wet, muddy conditions where chemical resistance is not a priority.
- High abrasive wear.
- Steel shank for firm arch support.
- General Industrial/Safety, Construction Contracting, Commercial Fishing & Processing, Water & Sewer Utilities/Power Transmission, Refining, Hvy. Mfg. & Processing.



36-1/2" Safety Toe Hip Boot

10905 - LaCrosse/Steel Midsole Men's Sizes 6-16

- Heavy-duty, ozone-resistant black rubber.
- Safety-yellow rubber toe cap on Steel toe.
- Durable cotton duck lining.
- Full cushion insole for comfort Trac-Lite™ outsole.
- Fiberglass shank for firm arch support.
- Firm heel counter prevents slippage for walking comfort.
- Ribbed vamp resists snagging.
- Reinforced ankle for durability.
- Water & Sewer Utilities/Power Transmission, Refining, Hvy. Mfg. Processing, Construction/Contracting, General Industrial/Safety.
- Safety toe and steel midsole meet or exceed ANSI specifications.



32" Hip Boot

2400-9089 - Plain Toe Men's Sizes 6-14

2400-9091 - Safety Toe Men's Sizes 6-14

- Hand-plied rubber hip boot features knit lining, cushion insole, steel shank, and black cleated outsole.
- Meets steel toe ANSI Z41 PT 83M I/75 C/75 specifications.
- Used by municipalities, utilities, agriculture and commercial fishing industries for complete waterproof protection.



27-1/2" Safety Toe Storm King

10505 - LaCrosse/Steel Midsole Men's Sizes 6-14

Heavy-duty; ozone-resistant black rubber.

- Safety-yellow rubber toe caps.
- Safety toe and steel midsole meet or exceed ANSI M I/75 C/75 PR specifications.
- Durable cotton duck lining.
- Full cushion insole for comfort.
- Trac-Lite™ outsole.
- Fiberglass shank for firm arch support
- Ribbed vamp resists snagging.
- Reinforced ankle for durability.
- Firm heel counter prevents slippage for walking comfort
- Refining, Hvy. Mfg., & Processing, Water & Sewer Utilities/Power Transmission, Construction/Contracting, General Industrial/Safety.
- Meets or exceeds electrical hazard ANSI Z41 PT 91 EH.



Knee Boot

2400-9033 - Plain Toe Men's Sizes 6-13

2400-9043 - Safety Toe Men's Sizes 6-13

- Hand-plied rubber knee boots feature net lining, sponge insole, steel shank and black cleated non-slip outsole.
- Special hand-plied rubber is more durable, flexible and comfortable than standard PVC.
- Meets steel toe ANSI Z41 PT 83M I/75 C/75 specifications
- Thoroughly tested for 100% waterproof protection making the knee boot excellent for construction, maintenance and municipalities.



Safety Products

Protective Footwear/Protective Outerwear

16" Safety Toe Knee Boot

10111 - LaCrosse/Steel Midsole Black Men's Sizes 6-16

- Ozone-resistant black rubber.
- Safety-yellow rubber toe caps.
- Safety toe and steel midsole meet or exceed ANSI M I/75 C/75 specifications.
- Durable cotton duck lining.
- Full cushion insole for comfort.
- Trac-Lite™ outsole.
- Ribbed vamp resists snagging.
- Fiberglass shank for firm arch support
- Firm heel counter prevents slippage for walking comfort.
- Reinforced ankle for durability.
- General Industrial/Safety.
- Meets or exceeds electrical hazard ANSI Z41 PT 91 EH.



12" Insulated Safety Toe Pac

22312 - LaCrosse/12" Men's Sizes 6-14

- Ozone-resistant red rubber.
- Safety-yellow rubber toe cap.
- Thick, 9mm wool felt midsole.
- Polymeric foam insulation for warmth.
- Strong nylon net lining for easy on and off.
- 3-eyelet top lace.
- Rugged Trac-Lite™ outsole.
- Steel and spade shanks for strength and arch support.
- Firm heel counter prevents slippage for walking comfort.
- Ankle fit design for comfort and support.
- Ribbed vamp resists snagging.
- Refrigeration/Cold Weather, Mining,
- Construction/Contracting.
- Safety toe meets or exceeds ANSI M I/75 C/75 specifications.



16" Purofort™ Yellow

54526 - Safety Toe Men's Sizes 6-15

54522 - Plain Toe Men's Sizes 6-15

2400-9170 - Safety Toe, Steel Midsole Men's Sizes 6-13

- CFC-free water blown polyurethane.
- Anti-static.
- Removable cushion insole.
- Nylon lined for easy on and off. Anti-fungal inner lining.
- Cleated polyurethane sole for excellent grip and slip resistance.
- Resists animal fats, petroleum, oils, greases and chemicals.
- Up to 50% lighter than neoprene or PVC and will last 2 to 3 times longer.
- Water & Sewer Utilities/Power Transmission, Meat & Food Processing/Dairy, Refining, Hvy. Mfg. & Processing.
- Safety toe meets or exceeds ANSI M I/75 C/75 specifications.



17" Overshoe

2400-9070 - Black Men's Sizes 6-16

2400-9085 - Yellow Men's Sizes 7-16

- Economical and long-wearing overshoe slips on easily over work shoes.
- Flexible rubber material, knit lining and adjustable top strap for comfortable fit.
- Black cleated outsole for traction on slippery surfaces.
- Perfect all purpose boot for just about any industrial application including construction, road crews, sanitation and municipalities.



Arctic - Buckle

2400-9011 - 12" 4-Buckle / Men's Sizes 6-14

2400-9021 - 14" 5-Buckle / Men's Sizes 6-14

- Flexible buckle arctics slip easily over work shoes and feature net lining, self-draining gusset and cleated outsole.
- Adjustable, non-corrosive, highway repair and maintenance.



12" Hazmat Disposable

2400-9002 - Plain Toe Men's Sizes S-L

- Seamless, disposable latex rubber boot offers economical protection against acids, alcohol, salts and keytones.
- Textured sole helps provide sure footing during wet work activities.
- Highly stretchable latex goes on easily over work shoes.



"Hot Foot" Wooden Sole Shoes - No. 300

Heatproof Wood Sole-durable leather straps, strong galvanized iron counter ...assembled with long screws and washers. Countersunk heavy sole leather provides a sturdy, flexible hinge for safety, comfort and easy walking.



PROTECTIVE OUTERWEAR

Tyvek® Protective Garments

Known for its superior protective properties, comfort & endurance, Tyvek® spunbonded olefin is a unique DuPont material. It offers high strength & provides an excellent barrier to many dry particulates, including asbestos, lead dust & radioactive dusts.



Coverall, #01412 - Tyvek® coverall w/collar, zipper, set-in sleeve. Sizes: S, M, L, XL, XXL / Case Pack: 25 / Case Wt: 7 lbs.

Coverall, #01414 - Tyvek® coverall, zipper, attached hood, attached boots, elastic wrist, set-in sleeve. Sizes: S, M, L, XL, XXL / Case Pack: 25 / Case Wt: 9 lbs.

Shirt, #01201 - Tyvek® shirt - snap closure, long sleeve, roomy & comfortable. Sizes: S, M, L, XL, XXL / Case Pack: 50 / Case Wt: 7 lbs.

Pants, #301 - Tyvek® pants - elastic waist. Sizes: S, M, L, XL, XXL / Case Pack: 50 / Case Wt: 7 lbs.

Lab Coat, #01101 - Tyvek® lab coat, snap closure, 2 pockets, long sleeve. Options:

Style: 01140 - no pockets

Style: 01104 - 2 pockets, elastic wrists.

Sizes: S, M, L, XL, XXL / Case Pack: 30 / Case Wt: 6 lbs.

Shoe Cover, #904 - Tyvek® shoe cover, vinyl sole. Sizes: S/M, L/XL / Case Pack: 200 pair / Case Wt: 10 lbs.

Boot Cover, #905 - Tyvek® boot cover, vinyl sole, elastic top. Sizes: S/M, L/XL / Case Pack: 200 pair / Case Wt: 12 lbs.

Bouffant Hat, #802-21/24 - Tyvek® bouffant hat. Sizes: 21" or 24" diameter / Case Wt: 9 lbs.



904



905



802-21/24

Proshield® Suits

- Applications include glue and paint spraying, maintenance and repair jobs, pesticide spraying, sand blasting and chemical handling

Large #82424

X Large #82425

Proshield® is a registered trademark of Kappler



Protective Outerwear

Vultex® - Sizes S - 4XL

- The ultimate in protection from foul weather as well as acids, soil, fertilizers, mildew and oil.
- All seams are hand-cemented and then fully vulcanized for the most complete and durable seal on the market.
- A special blend of cotton and other fibers in the base fabric provides excellent puncture and tear resistance.
- Stand up, corduroy lined collar for extra comfort & fit.

Style No.	Description	Color
1000-1401	Jacket	Yellow
1300-1401	Jacket w/Attached Hood	Yellow
1600-1402	Plain Front Overall	Yellow
1700-1402	Fly Front Overall	Yellow
1900-1403	Waist Pant	Yellow
2100-1400	Raincoat	Yellow
2800-1172	Detachable Hood	Yellow
1000-1421	Jacket	Black
1600-1422	Plain Front Overall	Black
2100-1420	Raincoat	Black
2800-1142	Detachable Hood	Black



Chem-Tech I - Sizes: S - 4XL

Exclusive flame retardant fabric that is impervious to many chemicals and oils. This field tested fabric consists of high grade polyester coated with a specially-blended compound of PVC called CTP2. CTP2 is formulated to be comfortable and flexible and to provide superior protection against harmful industrial substances.

- Reinforced crotch & underarms
- Double heat welded construction
- Extra large stand-up collar • Flame retardant fabric

Style No.	Description	Color
1100-8112	Jacket w/Detachable Hood	Green
1600-8113	Plain Front Overall	Green
1800-8116	Coverall	Green
1100-8122	Jacket w/Detachable Hood	Red
1600-8123	Plain Front Overall	Red
1800-8126	Coverall	Red
2300-0009	Sleeve Rings	Black



Chem-Tech II - Sizes S - 4XL

Picking up where Chem-Tech I leaves off, Chem-Tech II provides a complete set of solutions to chemical splash hazards. Made of a premium grade of neoprene compound coating on a polyester base fabric, ChemTech II is designed for a high level of protection against many hazardous substances.

- Reinforced crotch and underarms.
- Hand cemented, fully vulcanized seams.
- Extra large stand up collar.
- Flame retardant fabric • Blue color

Style No.	Description	Color
1000-8552	Jacket w/Detachable Hood	Blue
1600-8553	Plain Front Overall	Blue
1800-8556	Coverall	Blue
2300-0009	Sleeve Rings	Black



Chem-King® - Sizes: S - 3XL

An exterior and interior coating of flame retardant PVC on nylon make Chem-King dependable garments for protection from most common acids and chemicals. The nylon base fabric with its criss-cross weave pattern offers greater resistance to punctures, snags or tears than most other fabrics. The batwing sleeve construction on the jacket reduces pressure on the dielectrically welded seams improving the garments longevity and wear and tear resistance.

Style No.	Description	Color
1170-2189	Jacket	Yellow
1470-2989	Jacket w/Attached Hood	Yellow
1670-2689	Plain Front Overall	Yellow
1770-2288	Fly Front Overall	Yellow
1970-2489	Waist Pant	Yellow
2870-2509	Detachable Hood	Yellow



Flame Tech - Sizes: S - 3XL

Specifically designed to meet the needs of the electrical power and transmission utility industry in complying with the clothing requirements of OSHA CFR 1910.269.

The waterproof PVC exterior keeps workers dry while the soft, inherently flame retardant Nomex® interior provides an exceptionally comfortable lining. Most importantly, the Nomex® lining is designed not to melt or drip when exposed to an electrical arc or flame.

The batwing sleeve construction on the jacket and raincoat reduces pressure on the dielectrically sealed seams improving the garment's longevity.

Style No.	Description	Color
1100-5501	Jacket	Orange
1400-5601	Jacket w/attached hood	Orange
1600-5602	Plain Front Overall	Orange
1700-5602	Fly Front Overall	Orange
1900-5603	Waist Pant	Orange
2100-5600	Raincoat	Orange
2800-5608	Detachable Hood	Orange



Acid Suit - Sizes: S - 3XL Made in USA

Flame retardant PVC coating on a polyester knit base fabric that is formulated to resist acids, solvents, chemicals and oils. The batwing construction decreases the pressure on the dielectrically sealed seams improving the garments longevity and wear and tear resistance. An inner storm fly provides outstanding protection from splashes and spills. Flame retardant to federal standard 191b, test method 5903.2.

Style No.	Description	Color
1100-4201	Jacket	Green
1400-4201	Jacket w/Attached Hood	Green
1600-4202	Plain Front Overall	Green
1800-4206	Coverall	Green
2800-A205	Detachable Hood	Green
2900-4208	Smock	Green



Cool Air - Sizes: S - 3XL Made in USA

Featherweight, comfortable Cool Air garments stand up to abrasions, tears and cuts. The 3 oz. 200 denier oxford nylon fabric has an interior coating of polyurethane for excellent water resistance. Flame retardant to federal standard 191 b, test method 5903.2.

- Stitched & Tape sealed for waterproof integrity
- Non-conductive plastic Hardware
- Hood snaps raglan sleeve jackets & raincoats

Style No.	Description	Color
1100-2197	Jacket	Yellow
1300-2397	Jacket w/Attached Hood	Yellow
1700-2297	Fly Front Overall	Yellow
1900-2497	Waist Pant	Yellow
2200-2697	Raincoat	Yellow
2800-2597	Detachable Hood	Yellow
2800-2098	Carry Bag	Yellow



Cool Air II - Sizes: S - 3XL

Cool Air II offers the same material and construction features as Cool Air I. Count on Cool Air II for an unbeatable combination of economical foul weather protection and excellent tear/abrasion resistance. Imported

Style No.	Description	Color
1100-8197	Jacket	Yellow
1300-8397	Jacket w/Attached Hood	Yellow
1700-8297	Fly Front Overall	Yellow
1900-8697	Waist Pant	Yellow
2200-8697	Raincoat	Yellow



Safety Products

Protective Outerwear

Reflective Cool Air

Improve worker visibility and safety at night and in low light conditions with Reflective Cool Air. The blaze orange jacket and fly front overall have 3M Scotchlite Reflective material bonded to the fabric for maximum visibility. Flexible and lightweight, 3M Scotchlite is more wash durable and substantially brighter than other reflective materials.

Style No.	Description	Color
1300-2396	Jacket w/Attached Hood	Blaze Orange
1720-2296	Fly Front Overall	Blaze Orange



Belly Patch Apron

Designed especially for those work situations in which the worker's mid-section is exposed to the abuse of abrasive objects such as steel tables, knives, etc., belly patch aprons offer outstanding cut and abrasion resistance. Heavy duty nitrite coated fabric stands up to oils, fats, chemicals, acids and greases. Adjustable self material neckstrap. Waist ties are tied to heavy duty grommets. (Imported)

Style No.	Description
2700-1364	Belly Patch Apron, Heavy Duty, 35" x 48"/Yellow
2700-1365	Belly Patch Apron, Extra Heavy Duty, 35" x 48"/Yellow



PVC/Polyester

The complete line of .35mm PVC coated polyester garments offers excellent affordable protection from the elements as well as a wide variety of common acids and chemicals. Double lapped heat-welded construction w/roomy raglan sleeves offer strength, freedom of movement & comfort.

Jacket has inner storm fly to seal out rain, take up snaps at cuff for a great fit and a corduroy collar for comfort. Bib overalls are available in plain front or fly front. Three piece suit comes complete with jacket, detachable hood and fly front overalls. Two piece suit has jacket with attached hood and fly front overalls. Style 8009 three piece suit has jacket without corduroy collar and cape back ventilation for economy. Raincoat has two patch pockets & detachable hood. (Imported)

Style No.	Description	Color
0000-8005	3-Piece Suit	Yellow
0000-8006	2-Piece Suit	Yellow
0000-8009	3-Piece Suit	Yellow
0000-8004	3-Piece Suit	Orange
0000-8008	3-Piece Suit	Vis-Guard Lime Green



Separates

1000-8001	Jacket	Yellow
1100-8002	Jacket w/ Attached Hood	Yellow
1600-8003	Plain Front Overall	Yellow
1700-8003	Fly Front Overall	Yellow
1900-8008	Waist Pant	Yellow
2100-8000	Raincoat	Yellow
2900-8420	Pommel Slicker (cowboy coat)	Yellow
1100-8004	Jacket	Orange
1700-8004	Fly Front Overall	Orange

LEATHER CLOTHING

For this domestic line of Leather clothing, only selected split cowhide is used. Leather is chrome tanned for greater heat resistance. Seams are protected w/double lock stitching & Kevlar® thread. Rivets at the end of each seam provide even further protection.

Leather Jackets

Provides full leather protection for the upper body. Comfortable jackets feature an inside pocket that protects contents from sparks & spatter. Available in 26" or 30" length. Colors: Brown or Gray.

Made in USA

26" Length	30" Length	Size	Chest Size
12140 - Small	12150 - Small	Small	36 - 38
12141 - Med.	12151 - Med.	Medium	40 - 42
12142 - Large	12152 - Large	Large	44 - 46
12143 - X-Large	12153 - X-Large	X-Large	48 - 50
12144 - XX-Large	12154 - XX-Large	XX-Large	52 - 54



Leather Cape Sleeves

This very popular welding garment combines comfort w/protection in the critical areas. Cape sleeves provide protection at the arms & upper body while the back & lower torso are left open to keep the wearer cool & comfortable.

An optional bib can be snapped in place to extend coverage to below the waist. Made in USA

12100 - Small / 12101 - Med. / 12102 - Large / 12103 - X-Large / 12104 - XX-Large

Detachable Bibs

12110 - 14" long / 12115 - 19" long



Nuclear Suit & Coverall

- Sizes: S - 3XL

Single ply unsupported PVC nuclear suit has elastic at all openings for a snug and safe fit in cleanup applications. Two piece suit includes pullover jacket w/attached hood and waist pants.

- Attached drawstring hood
- Full zip front with exterior storm fly, snap closure and elastic wrist cuffs
- Heat welded construction
- Raglan sleeves and generous sizing

Style No.	Description	Color
0000-8055	2-Piece Suit	Yellow
1800-8055	Coverall	Yellow



Double Coated PVC/Nylon Apron

Durable yet lightweight fabric helps prevent worker fatigue and is double coated for enhanced wear and tear resistance. Tough nylon base fabric with its criss-cross weave pattern helps reduce likelihood of punctures and tears. Plastic heat sealed grommets with cotton ties. (Imported)

Style No.	Description	Color
2700-7000	Double Coated PVC/Nylon Apron, 36" x 45"	Yellow



Leather Aprons

Quality aprons are made from two pieces of selected side split leather. Made in USA

Bib Style Aprons

12165 - 24" wide x 36" long

12166 - 24" wide x 42" long

Split Leg Aprons - Permits freedom of movement for walking or kneeling. Crotch is reinforced w/an extra patch of leather.

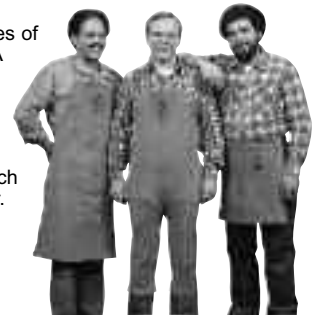
12170 - 24" wide x 42" long

12171 - 24" wide x 48" long

Waist Style Aprons

12160 - 24" wide x 24" long

12161 - 24" wide x 18" long



Leather Sleeves

The 18" sleeve protects up to the mid-bicep. It is held in place by the snaps at the wrist & an adjustable strap on the upper arm.

The 23" sleeve protects the entire arm. It has an adjustable neck strap & snaps at the wrist. Made in USA

12180 - 18" Sleeve

12181 - 23" Sleeve



Protective Outerwear

Leather Chaps

Combines protection w/wearer comfort
Features snaps on legs & an adjustable waist band for added comfort. Chaps are 39" long with a 29" inseam. Made in USA
12174



FIRE STOP® COTTON CLOTHING

Size Chart:

Size	Chest Size	Size	Chest Size
Small	36 - 38	XX-Large	52 - 54
Med.	40 - 42	XXX-Large	56 - 58
Large	44 - 46	XXXX-Large	60 - 62
X-Large	48 - 50	XXXXX-Large	64 - 68

The Fire Stop® process is a treatment that makes cotton permanently flame retardant w/o taking away from its natural qualities. It is cooler, lighter & less expensive than leather. Ideal for indoor or warm weather use where there is light exposure to sparks & splatter.

Fire Stop® Jackets

Popular 30" jackets feature an inside chest pocket, non-reflective snap closure & snaps at wrist.

Jacket Size	Color (Part No.)		
	Green	Navy	Red
Small	10300	10600	10700
Medium	10301	10601	10701
Large:	10302	10602	10702
X-Large	10303	10603	10703
XX-Large	10304	10604	10704
XXX-Large	10305	10605	10705
XXXX-Large	10306	10606	10706
XXXXX-Large	10307	10607	10707



Waist Size (in)	Color (Part No.)		
	Green	Navy	Red
30	10309	10609	10709
32	10310	10610	10710
34	10311	10611	10711
36	10316	10616	10716
38	10312	10612	10712
40	10317	10617	10717
42	10313	10613	10713
44	10318	10618	10718

Fire Stop® Pants

Pants feature two front & two rear pockets, heavy duty brass zipper at fly and belt loops. No cuffs to catch sparks. Pants are hemmed to order. Specify inseam. Lengths over 34" are additional cost

Fire Stop® Hoods

Hoods provide head & neck protection. Cap style provides added shoulder protection. Available in green only.

11301 - Medium /10302 - Large

Hood w/Cape

11303 - Large



Fire Stop® Shop Coats (A)

45" knee length shop coats feature snap front closure, snaps at wrist and inside chest pocket. Slightly flared for freedom of movement.

Coat Size	Color (Part No.)		
	Green	Navy	Red
Small	10360	10660	10760
Medium	10361	10661	10761
Large	10362	10662	10762
X-Large	10363	10663	10763
XX-Large	10364	10664	10764
XXX-Large	10365	10665	10765
XXXX-Large	10366	10666	10766



Overall Size	Color (Part No.)		
	Green	Navy	Red
Small	10350	10650	10750
Medium	10351	10651	10751
Large	10352	10652	10752
X-Large	10353	10653	10753
XX-Large	10354	10654	10754
XXX-Large	10355	10655	10755

Fire Stop® Coveralls (D)

Combines comfort, protection, & an attractive look. Features snap closure in front & at wrists, inside chest pocket, two front swing pockets and two rear patch pockets. Also has side slits for access to pants pocket.

Note: Call for information on Cape Sleeves & Bibs (B) and Split Leg Aprons (C)

THERMAL-TUFF® OUTERWEAR

This line combines style, comfort & protection from the cold. These heavy duty 12-oz. cotton duck garments are wind & abrasion resistant & snag proof. Treated w/a durable water repellent finish.

Insulated w/8 oz. nylon quilted polyester fiberfill or acrylic/polyester blanket lining. Construction features triple stitched, extra strong main seams & threaded bar tacking at all stress points. Colors: Brown or Camouflage. Made in USA.

Thermal-Tuff® Coveralls

Coveralls feature "free floating" quilt lining, recessed knit storm cuffs on inner sleeves and corduroy collar. Has action back for easy movement, 2-way heavy duty brass leg zipper to waist for easy on & off, 2-way heavy duty brass zipper front w/snap closures on wind flap for extra protection. Has two zippered front chest pockets, two waist & two back pockets, hammer loop and leg tool pockets.

Size (in)	Color (Part No.)	
	Brown	Camouflage
Small (34-36)	10156	C0156
Medium (38-40)	10157	C0157
Large (42-44)	10158	C0158
X-Large (46-48)	10159	C0159
XX-Large (50-52)	10155	C0155
XXX-Large (54-56)	10154	-



Thermal-Tuff® Bib Overalls

Quilt lined from the waist to the bottom hem. Has high back elastic suspenders, three-compartment chest pocket, two waist & two back pockets, hammer loop & leg tool pockets, & reinforced double knee. Lined overalls feature a heavy duty brass leg zipper to knee for easy on & off. Unlined overalls do not have a leg zipper.

Size (in)	Lined (Part No.)		Unlined (Part No.)	
	Brown	Camouflage	Brown	Camouflage
Small (34-36)	10190	C0190	1T190	CT190
Medium (38-40)	10191	C0191	1T191	CT191
Large (42-44)	10192	C0192	1T192	CT192
X-Large (46-48)	10193	C0193	1T193	CT193
XX-Large (50-52)	10194	C0194	1T194	CT194



Safety Products

Protective Outerwear/Thirst Quencher/Smoking Receptacles

Thermal-Tuff® Hood

Quilt lining & a soft knit collar that extends around the face & neck. Has tie straps to assure maximum protection. Hood slips over head & does not attach to other garments.

1T100 - Color: Brown / CT100 - Color: Camouflage



Thermal-Tuff® Chore Coats

30" Chore coats are available in your choice of "free floating" quilt lining or blanket lining. All sleeves are quilt lined for easy on & off. Coats have corduroy collar, recessed storm knit cuffs on inner sleeves & button closure. Has four outside patch pockets & one inside safety pocket.



Size (in)	Blanket Lined		Quilt Lined	
	Brown	Camouflage	Brown	Camouflage
Small (34-36)	10170	C0170	10180	C0180
Medium (38-40)	10171	C0171	10181	C0181
Large (42-44)	10172	C0172	10182	C0182
X-Large (46-48)	10173	C0173	10183	C0183
XX-Large (50-52)	10174	C0174	10184	C0184
XXX-Large (54-56)	10175	-	-	-

Thermal-Tuff® Zipper Jackets

26" Zipper Front Jackets are designed for comfort & ease of movement. Features a warm blanket lining, corduroy collar & adjustment snaps on the cuffs. Has two sided pockets, one inside safety pocket & one outside zipper pocket.



Size (in)	Color (Part No.)	
	Brown	Camouflage
Small (34-36)	1T170	CT170
Medium (38-40)	1T171	CT171
Large (42-44)	1T172	CT172
X-Large (46-48)	1T173	CT173
XX-Large (50-52)	1T174	CT174

Thermal-Tuff® Vest

Quilt lining & soft knit collar. Has heavy duty brass zipper & two large outside pockets.



Size (in)	Color (Part No.)	
	Brown	Camouflage
Small (34-36)	10166	C0166
Medium (38-40)	10167	C0167
Large (42-44)	10168	C0168
X-Large (46-48)	10169	C0169
XX-Large (50-52)	10165	C0165

THIRST QUENCHER

Gatorade®

Powdered Gatorade®

A scientifically formulated blend of carbohydrates and electrolytes designed to get fluids into your system fast. Gatorade® contains just the right amount of glucose, sucrose and sodium – three ingredients you need to help speed fluids into your bloodstream and energy to your working muscles.

- Economical
- Compact, easy to store
- Available in 2.5 gallon yield packets
- 6 great flavors

How to Select Flavors:

When ordering, just replace the ?? with your flavor selection
LL = Lemon Lime / LI = Lemon Ice
CC = Citrus Cooler / O = Orange
FP = Fruit Punch / G = Grape



Prod. Code	Desc.
GAT-??-21	32 – 2.5 gal. yield, 21 oz packets/case

SMOKING RECEPTACLES

STANDARD SIZE MODELS

Floor and Removable Wall-mounted Units

SIPCO® smoking receptacles require no sand, no water, which means easy maintenance. Now you can put an end to messy conditions and fire hazards inside and outside forever with a SIPCO® smoking receptacle-renowned for their exceptional quality and dependability since 1945!

Specifications

- Canister material: Heavy-duty, 1/4" thick cast aluminum
- Canister size: 8" wide x 3-1/2" high x 5" front to back
- Canister finish: Duotone – gray crinkle with brightly polished lid.
- Canister lifts off mounting bracket for easy emptying.
- Signage included on some models.
- ALL hardware included – quick and easy installation.

Model 1-S – floor unit (Sign A shown)

- Includes oval sign of your choice.
- Freestanding and self-contained.
- 44" overall height, including canister and 15 lb cast iron base

Total weight: 22 lbs.

Model 2-S – removable wall-mounted unit (Sign F shown)

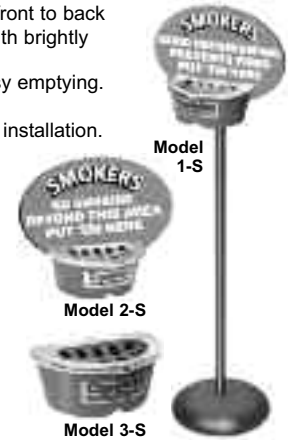
- Includes oval sign of your choice.

Weight: 4-1/2 lbs.

Model 3-S – removable wall-mounted unit

- Includes mounting bracket.

Weight: 2-1/2 lbs.



JUMBO MODELS

Floor and Removable Wall-mounted Units

These most popular and versatile units include a fire-retardant fiber glass inner-liner for easy removal/cleaning - no sand or water required. Although liners seldom need replacing, extra or replacement liners are available.

Specifications

- Removable fire-resistant fiber glass inner-liner for easy emptying. Although liners seldom need replacing, extra or replacement liners are available.
- Canister material: Heavy-duty 1/4" thick cast aluminum - nearly indestructible.
- Canister size 8" wide x 7-1/2" high x 5" front to back also lifts off installation bracket.
- Choice of:
 - Deluxe finish – brightly polished canister and lid.
 - Duotone finish – gray crinkle finish canister with brightly polished lid.
- ALL hardware included – quick and easy installation.
- Signage included with some models.

Model 1-J Jumbo – floor unit (Sign A shown)

- Your choice of oval sign.
- Freestanding and self-contained.
- 44" overall height, including 15 lb. cast iron base.

Total weight: 24 lbs.

Model 2-J Jumbo – removable wall mounted unit (Sign E shown)

- Your choice of oval sign.
- Freestanding and self-contained.
- 44" overall height, including 15 lb. cast iron base.

Total weight: 24 lbs.

JUMBO MODELS – Permanently Wall-mounted Units

Perfect for applications where permanent mounting is desired. No sand, no water required.

Model 2-J Jumbo – removable wall mounted unit (Sign E shown)

- Your choice of oval sign.

Weight: 7 lbs.

Model 4-J-R Jumbo – permanently wall-mounted unit (Sign RE shown)

- Rectangular sign of your choice.

Weight: 6-1/2 lbs.

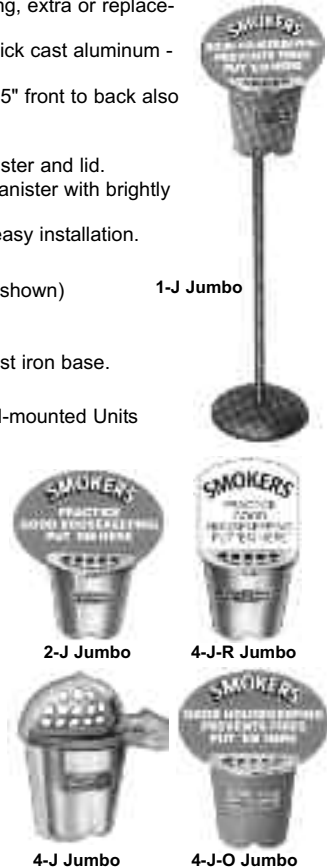
Model 4-J-O Jumbo – permanently wall-mounted unit (Sign A shown)

- Oval sign of your choice.

Weight: 7 lbs.

Model 4-J Jumbo – permanently wall-mounted unit.

Weight: 5 lbs.



Safety Products

First Aid

FIRST AID KITS

Industrial First Aid Kits

Comprehensive, neatly packaged First Aid Kits, all contents meet requirements of ANSI Standard Z308.1-1998

Description	ANSI Requirement	#10	#25	#50	#100
Adhesive Strips, 1" x 3"	16	16	100	100	200
Large Wound Dressing	1	1	1	2	4
Gauze Pads	4-3"	4-3"	5-4"	10-4"	25-4"
Gauze Bandage, 4"	-	1	1	2	4
Eye Pads	-	2	2	4	4
Adhesive Tape, 1/2" x 5 Yds.	1	1	1	2	2
Triangular Bandage, 40"	1	1	1	2	4
Elastic Bandage	-	-	-	1-2"	1-4"
Antiseptic Wipes	10	30	30	60	100
First Aid/Burn Cream Packets	6-.5 gm.	6-.9 gm.	6-.9 gm.	12-.9 gm.	24-.9 gm
Aspirin	-	-	12	24	100
Eye Flush	-	1-1 oz.*	1-1 oz.*	1-4 oz.	1-4 oz.
Cold Pack	-	-	1	2	4
Latex Exam Gloves	4	4	4	4	20
Scissors	-	1	1	1	1
Forceps	-	1	1	1	1
First Aid Instructions	-	1	1	1	1
TOTAL # OF PIECES PER KIT:		70 (69)	168 (167)	225	496

* Eye Flush Optional in #10 and #25 Kits, Standard in Both #50 Kits and #100 Kit.

Industrial Kit Stock Numbers and Descriptions

#10 KITS	
6060	Weatherproof Plastic #10
6400	Weatherproof Steel #10 Kit With Eyewash
6410	Weatherproof Plastic #10 Kit With Eyewash
#25 KITS	
6080	Weatherproof Plastic #25 Kit
6084	Weatherproof Plastic Contractors #25 Kit
6420	Weatherproof Steel #25 Kit With Eyewash
6430	Weatherproof Plastic #25 Kit With Eyewash
6070	Steel #25 Kit
6100	Steel #25 Kit With Eyewash
6050	Complete #25 Refill (With Eyewash, less the forceps and scissors)
#50 KITS	
6450	Weatherproof Steel #50 Kit
6490	Weatherproof Plastic #50 Kit
#100 KIT	
6099	Steel #100 Kit



Contractor's First Aid Kits and Station

A comparative medical value to our Industrial Kits, less the expense of the interior packaging. Contents meet requirements of ANSI Standard Z308.1-1998.



KITS:

Contractor's #25 Kit (Stock #6084), 6-1/2" x 9-1/2" x 2-3/4", 153 Piece First Aid Kit. Contains 100 Adhesive Strips, 1 Large Wound Dressing, 5 Gauze Pads (4"), 1 Gauze Bandage (4"), 1 Adhesive Tape (1/2" x 5 yds.), 1 Triangular Bandage (40"), 30 Antiseptic Wipes, 6 First Aid/Burn Cream Packets (.9 gm), 1 Cold Pack, 4 Latex Exam Gloves, Scissors, Forceps, Instructions

Contractor's #50 Kit (Stock #6088), 9-1/2" x 9-1/2" x 2-3/4", 200 Piece First Aid Kit. Contains 100 Adhesive Strips, 2 Large Wound Dressings, 10 Gauze Pads (4"), 2 Gauze Bandages (4"), 1 Adhesive Tape (1/2" x 5 yds.), 2 Triangular Bandages (40"), 60 Antiseptic Wipes, 12 First Aid/Burn Cream Packets (.9 gm.), 2 Cold Packs, 4 Latex Exam Gloves, Scissors, Forceps, Instructions

First Aid & Eye Flush Station (Stock #24-500)

Wall Mounting Plastic Station Equipped With:
First Aid... One Contractor's #25 Kit (#6084)
Eye Flush... One Bottle 16 Oz. Eye & Skin Flush (#24-101)

Standard Unit Kits

Featuring the very best available products for each treatment category, all contents meet requirements of ANSI Standard Z308.1-1998



Continuous Inventory Control is a feature of our see-through high impact resistant plastic unit kits.



10 UNIT, 4-1/2" x 7-1/2" x 2-3/4"
16 UNIT, 6-1/2" x 9-1/2" x 2-3/4"
24 UNIT, 9-1/2" x 9-1/2" x 2-3/4"



The #5499 36 UNIT KIT combines First Aid, Bloodborne Pathogens and CPR protection.
#8030 Aviation Kit
#8010 Life Boat Kit
#5216 Loggers Kit

Description	ANSI Reqmt.	PAC-KIT #	Items/Box	#10	#16	#24	#36
Adhesive Strips, 1" x 3"	16	1-002	16	1	1	2	2
Lastoband™ X-Large Fabric Strips	-	1-007	6	-	1	1	1
Lastoband™ Knuckle Bandages	-	1-009	8	-	1	1	1
Lastoband™ Fingertip Bandages	-	1-010	10	-	1	1	1
Hema-Seal™ Major Wound Bandage & Compress (with exam gloves)	1	2-014	1/Q unit*	1Q	1Q	1Q	1Q
Gauze Pads, 3"	4	3-001	4	1	1	1	1
Sterile Triangular Bandage	1	4-001	1	1	1	1	1
Eye Flush, Pads, Strips	-	7-009	1 set/ D unit*	-	1	1	1
Adhesive Tape, 1/2" x 2-1/2 yds.	1-5 yd.	8-001	2	1	1	1	1
Antiseptic Towelettes	10	12-018	10	1	1	2	2
First Aid & Burn Cream Packets, .9 gm.	6-.5 gm	13-006	12	1	1	1	1
Hydrocortisone Cream Packets, .9 gm.	-	18-012	12	-	-	1	1
Tecnu™ Oak N Ivy Poison Plant Cleanser packets, 1/2 oz.	-	18-024	4/D unit*	-	-	1D	1D
Sting Relief Wipes	-	19-002	10	-	-	1	1
Cold Pack	-	21-004	1/D unit*	-	-	1D	1D
CPR Microshield™, Gloves, Wipes	-	21-012	1 set/D unit*	-	-	-	1D
Nitrile Exam Gloves	4	21-026	4	1	1	1	1
Spill Clean-up Pack	-	21-760	1 set/CT pack*	-	-	-	1CT
BBP Protective Apparel Pack	-	21-765	1 set/CT pack*	-	-	-	1CT

***Packaging Notes**

Item counts listed without further designation are packaged in single unit size boxes, 4" x 2-1/8" x 5/8"
Item counts listed with a "D" are packaged in double unit size boxes, 4" x 2-1/8" x 1-1/4"
Item counts listed with a "Q" are packaged in quadruple unit size boxes, 4" x 2-1/8" x 2-1/2"
Item counts listed with a "CT" are packaged in Complete Treatment packages, 3-1/2" x 4-1/8" x 2-1/8"

Stock Numbers

5001P: 10 Unit Steel 5001P: 10 Unit C-Thru Weatherproof Plastic
5201: 16 Unit Steel 5201P: 16 Unit C-Thru Weatherproof Plastic
5301: 24 Unit Steel 5301P: 24 Unit C-Thru Weatherproof Plastic
5499: 36 Unit Steel First Aid/CPR/BBP Kit

Special Unit Kits



#8030 Aviation Kit



#8010 Life Boat Kit



#5216 Loggers Kit

16 Unit Loggers Kit, #5216 (16 Unit Steel Case):

Contains 50 Adhesive strips, 2-18" x 36" Gauze Compresses, 2 Triangular Bandages; 2-2" Gauze Bandages; 2-1/2" Adhesive Tape; 10 Antiseptic Wipes; 1 Tourniquet, Forceps & Scissors; 12 Diphenhydramine Capsules; 1 Wire Splint; 2 Rescue Blankets; 1 CPR Mask; 10 - 4" Gauze Pads; 2- 2" Elastic Bandages; 1 Pad & Marker.

24 Unit USCG Approved Life Boat Kit, #8010 (24 Unit High-Impact Plastic):

Contains 16 Adhesive Strips; 3- 4" Bandage Compresses; 12- 2" Bandage Compresses; 2 Gauze Compresses; 2 Triangular Bandages; 2- 4" Gauze Bandages; 2 units Eye Flush, Pads & Strips; 10 Ammonia Inhalants; 10 Antiseptic Swabs; 12 First Aid/Burn Cream, 1/8 oz.; 1 Tourniquet; 50 Aspirin; 1 Wire Splint. USCG APPROVAL #160.041/6/0

24 Unit FAA Kit #8030 (24 Unit See through High Impact Plastic):

Contains 16 Adhesive Strips, 8- 4" Bandage Compresses; 5 Triangular Bandages; 4- 4" Gauze Bandages; 10 Ammonia Inhalants; 20 Antiseptic Swabs, 1 Scissors; 2 Wire Splints; 4 Latex Exam Gloves

Safety Products

First Aid/Sunscreen/Repellent

Eye Care

Featuring the twist-off single use EyeSaline™ bottles from Fendall, Inc.



EYE CARE PRODUCTS	
7-002	Eye Pads & Strips, 4 ea./box
7-800	1 oz. Eye Flush bottle, bulk
7-008	Eye Flush, 1 oz., 1/box
7-009	Eye Flush (1 oz.), Pads, Strips, 1 set/box
7-006	4 oz. Eye Flush bottle, bulk
7-200	Eye Pads & Strips, 10 ea./box
7-600	Eye Flush (4oz.), Pads, Strips, Eye Cup, 1 set/box
7-110	Eye Cups (sterile, individually wrapped), 10/box
7-111	Eye Cups (sterile, individually wrapped), 1/box
EMERGENCY STATIONS & REPLACEMENT BOTTLES	
24-101	Eye & Skin Flush, 16 oz. Bottle
24-102	Eye & Skin Flush, 16 oz. Twin Bottle Station
24-201	Eye & Skin Flush, 32 oz. Bottle
24-202	Eye & Skin Flush, 32 oz. Single Bottle Station
(Note: Stations are for personal emergency use, and are intended to supplement, not replace, fixed 15 minute continuous flow stations where required)	

Major Burn Treatment & Fire Protection

Water Jel Burn Treatment Units

For treatment of serious (2nd and 3rd degree) burns, there's no product more effective than Water Jel. It's pre-packaged, fast and simple to use—simply remove the dressing from the package and apply it directly to the burn area (chemical burn must be irrigated first). Once on, it provides a sterile barrier against further contamination while the patented gel draws heat from the wound, providing immediate and effective cooling relief. Even when applied over clothing that has adhered a burn, Water Jel still works to cool and stabilize the burn. Small and large sizes are packaged in Complete Treatment units that include ancillary products for start-to-finish burn treatment while on the way to a physician or burn center.



- 16-002 - 2" x 6" Water Jel Burn Dressing (single unit box)
- 16-026 - 2" x 6" Water Jel Dressing, Gauze Bandage, Tape Strips (double unit box)
- 16-004 - 4" x 4" Water Jel Burn Dressing (double unit box)
- 30-100 - 8" x 18" Water Jel Complete Treatment Pack, contains 1 sterile 8" x 18" Water Jel Burn Dressing, 1 pr. Sterile Gloves, one roll sterile 4" Gauze Bandage, 1 roll Adhesive Tape (eight unit sleeve & tray box)

Fire Blankets

Water Jel Heat Shield Fire Blankets provide immediate burn therapy for a victim of traumatic third degree burns over a large body area, and also act as a heat shield for protection against an advancing wall of flame or during an escape. **Woolen Fire blankets** are also available in either a nylon carrying pouch for fire trucks or police car trunks or in steel wall mounting cases for placement in facilities. The water resistant nylon pouch has an easy-release puff down flap to release the blanket, and a carrying strap for transport to a fire site.

Water Jel Heat Shield Fire Blankets:

- 3630-1 - 36" x 30" Water Jel Heat Shield (in an orange canister)*
- 7260-1 - 72" x 60" Water Jel Heat Shield (in an orange canister)*
- 9672-1 - 96" x 72" Water Jel Heat Shield (in an orange canister)*

*NOTE: Wall mounting brackets for the Water Jel Heat Shields are not included and can be ordered separately.

Woolen Fire Blankets:

- 21-610 - Woolen Fire Blanket, 5' x 7'
- 21-650 - Woolen Fire Blanket with nylon pouch
- 21-660 - Woolen Fire Blanket in steel wall-mounting case



Antiseptics, Minor Burn Treatment

Pac-Kit offers a variety of antiseptic formulations and application methods. For treatment of minor burns and cuts or abrasions, our ABT formulation (containing Benzocaine for pain relief) is available as a cream in single use disposable foil packets, in a 1/8 oz. reusable tube and as a spray. Povidone Iodine is available in wipes and swabs for wound cleaning and in disposable foil packets as an ointment. Benzalkonium Chloride, Alcohol and Green Soap are available as wound cleaners in towelettes, wipes and swab form, respectively. For itching, rashes or skin reactions, Hydrocortisone Cream is now also available in .5 gm. packets, as well as in the traditional larger 1/8 oz. foil packs.

Wound Cleaners: Swabs, Wipes & Towelettes

Four formulations of crushable capsule swabs (.5 cc), towelettes (5" x 7" saturated pads) and wipes (1-1/4" x 1-1/2" saturated pads) for wound cleaning and disinfection.

- 10-004 - PVP Iodine Swabs, 10/box (single unit box)
- 10-400 - PVP Iodine Swabs, 100/box (bulk box)
- 12-015 - PVP Iodine Wipes, 10/box (single unit box)
- 12-100 - PVP Iodine Wipes, 50/box (bulk box)
- 10-007 - Green Soap Swabs, 10/box (single unit box)
- 12-003 - Green Soap Swabs, Gauze Pads, Tape, 5 sets/box (single unit box)
- 12-011 - Alcohol Antiseptic Wipes, 10/box (single unit box)
- 12-110 - Alcohol Antiseptic Wipes, 100/box (bulk box)
- 12-018 - Benzalkonium Chloride Antiseptic Towelettes, 10/box (single unit box)
- 12-180 - Benzalkonium Chloride Antiseptic Towelettes, 50/box (bulk box)



Ointments, Sprays & Washes

- 12-005 - PVP Iodine Ointment, .5 gm. packets, 12/box (single unit box)
- 12-007 - Triple Antibiotic Ointment, .5 gm. packets, 12/box (single unit box)
- 12-700 - Triple Antibiotic Ointment, .5 gm. packets, 60/box (bulk box)
- 13-006 - ABT First Aid/Burn Cream, .5 gm. packets, 12/box (single unit box)
- 13-600 - ABT First Aid/Burn Cream, .5 gm. packets, 60/box (bulk box)
- 13-060 - ABT First Aid/Burn Cream, 7/8 oz. tubes (Unboxed)
- 14-009 - ABT First Aid/Burn Spray, 1/2 oz., 2/box (double unit box)
- 13-040 - ABT First Aid/Burn Spray, 3 oz. (unboxed)
- 15-001 - Creosote Pitch Cleanser, 4cc: vials, 6/box (single unit box)
- 18-012 - Hydrocortisone Cream, .5 gm. packets, 12/box (single unit box)
- 18-120 - Hydrocortisone Cream, .5 gm. packets, 60/box: (bulk box)
- 13-009 - Foille Burn Cream. A oz. packets, 6/unit (single unit box)
- 14-002 - Foille Burn Ointment, 1/2 oz. tubes, 2/unit (single unit box)

INSECT REPELLENT AND SUN PROTECTION

Croc Bloc™ Sunscreen Kit

- SPF 30 sunscreen provides broad spectrum protection
- Greaseless
- Sweatproof and waterproof
- Non-perfumed and PABA free

Description	Size	Item No.
Sunscreen	50 per Dispenser Box,	28621
Towelettes	8 Boxes per Shipper	
Sunscreen	4 oz. Bottle,	28622
Lotion	48 Bottles per Case	



Croc Bloc™ Insect Repellent Kit

- Provides hours of protection from the annoyance and health hazards associated with biting insects

Description	Size	Item No.
Combinator Sunscreen & Insect Repellent	4 oz. Bottle,	28623
SPF 15, 10% Actives	48 Bottles per Case	
Insect Repellent	3.52 oz.,	28624
Mousse, 10% Actives	35 Cans per Case	
Insect Repellent	5.29 oz.,	28625
Aerosol, 32.5% Actives	24 Cans per Case	
Wasp & Hornet Killer, Aerosol	14 oz.,	28626
	15 Cans per Case	

Croc Bloc™ is a registered trademark of Degil



Signage

SIGNS

Shown here is just a sampling of the *THOUSANDS* of Industrial and Commercial signs that are available. Please call for more information.

PARKING/TRAFFIC CONTROL



PARKING SIGNS



SECURITY



EXIT/FIRE EMERGENCY SIGNS



CHEMICAL & FLAMMABLE SIGNS



ELECTRICAL SAFETY SIGNS



NO SMOKING SIGNS



SLIPPING & TRIPPING SIGNS



CONFINED SPACE



CHEMICAL/RIGHT-TO-KNOW

MSDS/Label Stations 25" h x 30" w

English or Bilingual



Focus on chemical safety with our most comprehensive training Stations. Allows you to prominently display all of your MSDSs for employees that come in contact with hazardous chemicals. Includes 24 Training Booklets to reinforce safe work habits and eliminate confusion.

Item No.	Description
IS8	Single English NFPA
IS8-SP	Single Eng./Span. NFPA
IS46	Double English NFPA
IS46-SP	Double Eng./Span. NFPA
IS32	Single English Color Bar
IS32-SP	Single Eng./Span. Color Bar
IS49	Double English Color Bar
IS49-SP	Double Eng./Span. Color Bar

MSDS/Stations

Includes 24 Training Booklets to reinforce safe work habits and eliminate confusion.

Item No.	Description
IS3-D	Single English
IS3-DSP	Single Eng./Span.
IS4-D	Double English
IS4-DSP	Double Eng./Span.



Safety Products

Lights

LIGHTS & BATTERIES:

Bright Star Lights:

Division 1 WorkSAFE™

Our **WorkSAFE I** series of lights, have been designed specifically for use in *Division 1 hazardous locations*. A *Division 1 hazardous location* is one where ignitable concentrations of flammable gases, vapors or liquids can exist ALL OF THE TIME or some of the time under normal operating conditions.

Each light has been individually tested and certified for use in various *Division 1* locations. Each group listed on the light's certification, denotes which type of flammable materials the light can be exposed to safely.

Even if your facility has only one potentially flammable area, *Division 1* approved flashlights and lanterns are the safest choice. It eliminates the potential of someone unknowingly carrying an unapproved flashlight into a hazardous location. In the event of bulb breakage, the circuit breaking mechanism instantly disconnects the bulb from the power source.

WATERPROOF:

Waterproof Two & Three D-Cell

The waterproof design of these safety-approved lights make them ideal for places where safety is necessary and water is a concern. Each flashlight features a waterproof 3-way switch. When in the middle position, the button on the switch can be pressed to provide intermittent light. Right angle light also features a belt clip.

- 2217 WorkSAFE I 2 D-cell waterproof flashlight
- 2224 WorkSAFE I 3 D-cell waterproof flashlight
- 2220 WorkSAFE I 2 D-cell waterproof right angle

Waterproof Lantern

An over-sized reflector and super-bright Krypton bulb provide greater light output. This lantern also features our circuit breaking mechanism, a glove-sized handle, switch guard and spare bulb holder. Can be powered by an Alkaline or Carbon Zinc 6-volt battery. 50,000 beam candlepower.

- 2206 WorkSAFE I 6-volt waterproof lantern

Submersible Flashlight

This 2 AA-cell pocketlight not only passes UL and MSHA certification for *Division 1 hazardous locations*, it also passes a 30 foot drop test for durability! Water tight to 1000 feet, this tough little light also features an anti-roll design, pre-focused spot beam, heavy duty lanyard and faceted reflector.

- 2202 WorkSAFE I 2 AA-cell submersible pocketlight

NON WATERPROOF:

Headlamp

For hands-free operation in a hazardous environment, our WorkSAFE I headlamp can be comfortably worn on a helmet or alone on head. Features a swivel lamp housing and prefocused spot beam. Industrial model available.

- 2106 WorkSAFE I 4 AA-cell headlamp

Two & Three D-Cell

Our WorkSAFE flashlights feature a crush resistant case, unbreakable lens, switch guard, spare bulb holder, ring hanger and anti-roll design. Molded in international safety orange.

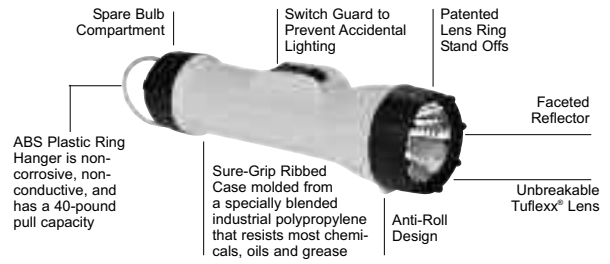
- 2117 WorkSAFE I 2 D-cell flashlight
- 2124 WorkSAFE I 3 D-cell flashlight

Utility Lantern

Our rugged utility lantern features a 120° pivoting head, glove-sized handle and switch plus a dual battery compartment 30,000 beam candlepower.

- 2208 WorkSAFE I 6-volt utility lantern

The Bright Star Industrial Flashlight



Bright Star introduced the first plastic industrial flashlight more than 60 years ago and established yellow as the color standard still used today. Although the design has changed and improvements have been made over the years, our industrial flashlights are still recognized as the standard by which all other industrial flashlights are measured.

- 2618 2 D-cell flashlight
- 2603 2 D-cell 2618 in white
- 2619 2 D-cell in black
- 2618K 2 D-cell flashlight w/Krypton bulb
- 2618ML 2 D-cell flashlight w/magnet
- 2618KML 2 D-cell flashlight w/magnet and Krypton bulb
- 2625 3 D-cell flashlight
- 2625K 3 D-cell flashlight w/Krypton bulb

Metal Reinforced Threads

Metal reinforced threads for our top ring and end cap provide extra durability. Features a crush resistant case, unbreakable Tuflexx® lens, 250,000 cycle switch and switch guard.

- 1618 2 D-cell w/metal reinforced threads
- 1619 2 D-cell 1618 in black
- 1618ML 2 D-cell 1618 with magnet
- 1625 3 D-cell w/metal reinforced threads
- 1626 3 D-cell 1625 in black

Searchlight

Impact and crush resistant case with deep ribs for a non-slip grip. Weatherproof. Krypton bulb provides 30,000 beam candlepower. Also available with Halogen bulb.

- 6900Y 5 D-cell search light
- 6900 6900Y in black
- 6900YL 5 D-cell search light w/lanyard
- 6900YH 5 D-cell search light w/Halogen bulb

Headlamp

4 AA-cell headlamp provides hands-free operation. Features a lightweight, chemical resistant case with lamp housing that swivels 45°. Safety-approved model also available.

- 2150 4 AA-cell headlamp

Pocketlight

2 AA-cell pocketlight features a crush resistant case with a three-way switch, smooth reflector and unbreakable lens.

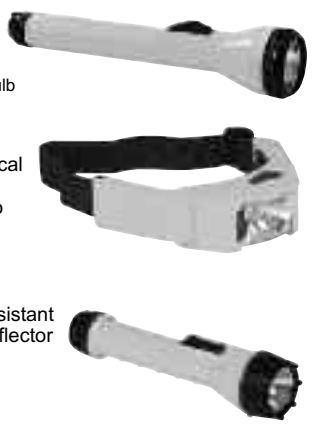
- 2702 2 AA-cell pocketlight
- 2703 2 AA-cell pocketlight in white
- 4700 2 AA-cell pocketlight in teal blue

Continuity Tester

Continuity Tester & Flashlight in One!

Crush resistant thermoplastic polymer case with unbreakable Tuflexx® lens. 250,000 cycle switch with switch guard. Each continuity tester comes with 36" leads.

- 1618CT 2 D-cell C.T. w/metal threads for testing up to 10 OHMS
- 2618CT 2 D-cell C.T. for testing up to 10 OHMS
- 2618CTML 2 D-cell 2618CT w/ magnet
- 2647CT 2 D-cell Transistorized C.T. for testing up to 1500 OHMS



Lights

Rubber Flashlights

Our rubber flashlights are molded of a thermo-plastic rubber that is resistant to most chemicals, oils and grease and is temperature resistant from -40°F to 250°F. Each light has a faceted reflector and Krypton bulb for brightness and features an anti-roll design and spare bulb holder.

- RBR219 2 D-cell rubber
- RBR219ML 2 D-cell rubber w/magnet
- RBR319 3 D-cell rubber
- RBR20G 2 D-cell rubber
- RBR20GML 2 D-cell rubber w/magnet



Rechargeable Lights

Industrial grade rechargeable lights that are always ready to light the way. Ni-Cad batteries provide up to 1000 full charges. All units include both a home (120V) adapter and auto (120V) adapter.

- 801 2 D-cell rechargeable flashlight
- 301 3 D-cell rechargeable flashlight
- 501 5 D-cell rechargeable flashlight
- 3000 6-volt rechargeable lantern



Waterproof Flashlights

Waterproof

Our industrial flashlight in a waterproof design provides all the same features as our standard models plus a 3-way switch (on-intermittent-off).

- 1918 2 D-cell waterproof flashlight
- 1819 2 D-cell 1918 in black
- 1925* 3 D-cell waterproof flashlight
- 1800 2 D-cell waterproof right angle



Adjustable Beam

Different situations can require different types of light. At times an entire area may need to be lit. While at others, a light concentrated on the specific area where the work is being done is required. The Bright Star model 2718 can accommodate both situations. A turn of the light's head adjusts the beam from spot to flood beam easily. This waterproof industrial light also features a crush resistant case, unbreakable lens, three way switch (on-intermittent-off), switch guard and spare bulb.

- 2718 2 D-cell waterproof adjustable beam flashlight
- 2719 2718 in black

* U.S. Maritime Standard: June 1, 1990, the American Society for Testing and Materials (ASTM) standard specification F 1014-92 replaces U.S. Coast Guard Approval and will be the sole maritime standard for specific non-hazardous locations.

Submersible Flashlights

Water tight to 1,000 feet and durable enough to be called industrial!

Features a crush resistant case, faceted reflector, unbreakable lens and heavy duty lanyard. Operated by 2 AA-cell Alkaline batteries Included. Additional safety-approved models available.

- 1902 2 AA-cell submersible pocketlight
- 2502B 2 AA-cell safety-approved submersible pocketlight



Director Lites®

Weatherproof

Bright Star Director Lites are highly visible, bright and durable. Cones snap on and off easily. Removable tip allows you to direct light beam where needed. Slip on cones fit over light when not in use.

- 2495 2 D-cell Director Lite w/6.5" red cone
- 2496 3 D-cell Director Lite w/6.5" red cone
- 2497 2 D-cell (2495) in black
- 2498 3 D-cell (2496) in black
- 2548 2 D-cell Director Lite w/orange slip on cone
- 2546 2 D-cell (2548) in black



Waterproof

Our Director Lites in a waterproof design provide all the same features as our standard models plus a 3-way switch (on-intermittent-off). Model 1493 has an automatic flash feature; just turn the lens ring for up to 60 hours of flashing.

- K492 2 D-cell waterproof Director Lite
- K493 3 D-cell waterproof Director Lite
- 1493 3 D-cell waterproof, flashing

Spotlights

Ni-Cad spotlights with a variety of size, brightness and charging options. Model 625R is compact and offers 250,000 candlepower. The charger stand can be wall mounted for use at home or work. Models 610M and 725R offer 1 million candlepower brightness and a pistol grip. Model 610-M operates from 12V DC (auto) power source only. Model 725R can be charged by either a 12V DC (auto) or 120V AC (wall) adapter included. Also available with 220V chargers.

- 625R Mini rechargeable spotlight
- 610M 1 million candlepower spotlight
- 725R 1 million candlepower rechargeable spotlight



Utility Lanterns

For use by utilities, construction or other rugged applications. Utility lanterns feature a pivoting head.

- 727-C 7.5-volt lantern w/toggle switch, 155° pivot sweep angle, aluminum
- 730 7.5-volt lantern w/toggle switch, 180° pivot sweep angle
- 2000 6-volt lantern w/push button switch, 120° pivot sweep angle
- 2005 6-volt lantern w/sealed beam bulb, 120° pivot sweep angle
- 2005-H 6-volt (2005) lantern w/Halogen bulb, 120° pivot sweep angle
- 2009 6-volt lantern w/push button switch, 120° pivot sweep angle, amber flasher
- 3618 6-volt lantern w/push button switch, 120° pivot sweep angle



Heavy Duty, Industrial Lanterns

Our 6-volt lanterns feature an over-sized reflector for maximum light output and are designed with a glove-sized handle and switch. These lanterns are not only waterproof, they float!

- 2001 6-volt lantern w/Krypton bulb
- 2011 6-volt lantern (2001) w/swivel stand
- 2003 6-volt lantern (2001), black
- 5110 6-volt lantern w/built in stand



Safety Products

Lights

Bright Star® Alkaline Batteries

7520	D-cell 1.5-volt
7522	C-cell 1.5-volt
7524	AA-cell 1.5-volt
7526	AAA-cell 1.5-volt
7590	9-volt
466-A	6-volt, square w/spring terminals



Powershot® Alkaline Battery Sticks

Our Powershot battery sticks have an internal shock protection and industrial strength plastic cover to eliminate shorting. Matched internal cells insure longest battery life possible. Size eliminates pilferage. Can be inserted into flashlight in either direction.

7532	Powershot 2 x D-cell battery
7542	Powershot 3 x D-cell battery stick



Koehler Lights:

WHEAT® Cap Lamps

Wheat Cap Lamps are presently used by more than 85% of the underground miners in the U.S. and Canada, as well as by thousands of workers in various industrial settings including Public Utilities, Construction and Tunneling, Oil, Gas and Petrochemical Exploration. Their unparalleled quality makes them a natural choice whenever hands-free personal lighting is required.

Safety-Approved WHEAT® Cap Lamps

These lamps are approved for use in methane-air atmospheres by the U.S. Mine Safety and Health Administration (MSHA) and by the Canadian Department of Energy, Mines and Resources (EM&R). They feature an intrinsically-safe battery, a specially-designed highly flexible cord, and a dual filament Xenon bulb with both filaments fully focusable. A single knob controls all switch and focusing functions. Lamps are charged through their headpieces.

5100 Series

Our 5100 Series Cap Lamps feature a phenolic headpiece, providing a high degree of chemical resistance, a fully focusable, dual filament bulb and a key type connection of head-piece to charger

5100-G* Safety cap lamp with "key" type charging, activated



5200 Series

5200 Series Cap Lamps feature a smaller, Lexan headpiece which provides high impact resistance and a lighter weight. Also features a fully focusable dual filament Xenon bulb and a slide type connection of head-piece to charger. Optional armored glass lens and heavy duty bezel available for improved durability. Conversion Kits also available to adapt MSA charging racks to Wheat 5200 Series Lamps.

5200-G* Safety cap lamp with "slide" type charging, activated

(* Non-activated lamps & lamps with & w/o electrolyte kits also available)

International Safety-Approved WHEAT® Cap Lamp

Series E (6400)

Our Series E (6400) Wheat Cap Lamp is designed to meet international mining requirements. The Series E employs two fixed focus bulbs: a primary 1.0 amp Halogen bulb and an auxiliary 0.5 amp Argon bulb. A single knob lights and extinguishes each bulb in turn. An improved design makes assembly and repair simple. The Series E lamp carries MSHA, Australian and Republic of South Africa mine safety approvals.

6400-G1* International safety-approved cap lamp, activated

(*Non-activated lamps & lamps w/ & w/o electrolyte kits also available)



WHEAT® Charging Equipment

A full line of charging equipment is available, ranging from single-unit 12 V DC and 120 or 208/240VAC Chargers through multiple systems capable of charging up to 120 lamps. 5800 Series lamps may only be charged on the Model 5120 120 V AC Charger. Chargers for all other lamps are listed below.



5100 Series	5200 Series	6400 Series E	Charger Description
5161	5262	N/A	Single unit 12V DC powered, vehicle mounted
2100P-G1	2200P-G1	2300P-G1	Single unit 120V AC powered
2100P-G2	2200P-G2	2300P-G2	Single unit 208/240V AC powered
2110P-G1	2210P-G1	2310P-G1	Ten unit 120V AC powered
2210P-G2	2210P-G2	2310P-G2	Ten unit 208/240V AC powered
2130P-G1	2230P-G1	2330P-G1	Thirty unit 120V AC powered
2130P-G2	2230P-G2	2330P-G2	Thirty unit 208/240V AC powered

A Power Supply and Control Unit (No. 5400), capacity 120 lamps, is offered for use with 51 lamp Charging Racks for 5100, 5200 or Series E (6400) lamps. 60 lamp racks are also available for 5200 lamps. Call for further information about such large installations.

Rechargeable Spotlights

A rugged design, built to last for years under severe conditions. Koehler Wheat Spotlights offer burn time of up to 12 hours and 18,000 hours of life per battery.

Safety WHEAT® Spotlight

Approved for use in mines by MSHA. Focusable and featuring 15,000 beam candlepower. The bulb provided has a life of 100 hours. This unit can provide up to 12 hours of light per charge. Charging ratio: 1:1 for DC and 1.5:1 for AC charging.

500175 MSHA-approved rechargeable spotlight



Panasonic® Alkaline Batteries

Performance when it counts! Our Industrials are specially designed with a power reservoir that enables them to last longer – even under the abuse they're likely to take in industry and professional applications. All Panasonic Alkaline batteries are made in the U.S.A. at Panasonic's state-of-the-art manufacturing facility in Columbus, Georgia. High current and large capacity are standard in all Panasonic Industrial batteries which means high performance for you and a five-year shelf life guarantee from us!

Panasonic Alkaline performance when it counts!

- High current and large capacity for excellent performance
- Stable voltage and current
- Long storage life
- Built-in resistance to leakage
- Environmentally friendly
- 99.999% mercury free

AM-1PI	Size D-cell 1.5-volt
AM-2PI	Size C-cell 1.5-volt
AM-3PI	Size AA-cell 1.5-volt
AM-4PI	Size AAA-cell 1.5-volt
6AM-6PI	9-Volt



Lights

Rayovac® Flashlights:

Industrial Flashlights



- IN2 2 Cell D Size Flashlight
- IN2-K 2 Cell D Size Flashlight with Krypton Bulb
- IN2-ML 2 Cell D Size Flashlight with Magnet
- IN2-KML 2 Cell D Size Flashlight with Krypton Bulb and Magnet
- IN2-CT 2 Cell D Size Flashlight with Continuity Tester (10 ohms)
- IN2-MS 2 Cell D Size Orange Safety Flashlight, UL and MSHA approved*
- IN3 3 Cell D Size Flashlight
- IN3-MS 3 Cell D Size Orange Safety Flashlight UL and MSHA approved*
- IN4 2 Cell AA Size Flashlight with Ring Hanger

Roughneck Flashlights



- R2C 2 Cell C Size Flashlight
- R2D 2 Cell D Size Flashlight
- R2AA-B 2 Cell AA Size Flashlight with Batteries
- R3D 3 Cell D Size Flashlight

Rayovac® Industrial Batteries:

Alkaline Maximum Industrial Batteries



- AL-D Alkaline D Size 6 Pack
- AL-C Alkaline C Size 6 Pack
- AL-AA Alkaline AA Size 8 Pack
- AL-AAA Alkaline AAA Size 8 Pack
- AL-9V Alkaline 9 Volt Size 6 Pack

Heavy Duty Industrial Batteries



- HD-D Heavy Duty D Size 6 Pack
- HD-C Heavy Duty C Size 6 Pack
- HD-AA Heavy Duty AA Size 8 Pack
- HD-9V Heavy Duty 9 Volt 6 Pack

General Purpose Industrial Batteries

- GP-D General Purpose D Size 6 Pack
- GP-C General Purpose C Size 6 Pack
- GP-AA General Purpose AA Size 8 Pack
- GP-9V General Purpose 9 Volt Size 6 Pack

Lantern, Barricade, Emergency Ignition Batteries



- 6V-GP 6 Volt Spring Terminals, Industrial, General Purpose
- 6V-HD 6 Volt Spring Terminals, Industrial, Heavy Duty
- 6V-HDM 6 Volt Spring Terminals, Industrial, Heavy Duty Maximum*
- 803 7.5 Volt Screw Terminal, Emergency, Alkaline
- 806 6 Volt Spring Terminals, Alkaline Maximum Lantern
- 903 7.5 Volt Screw Terminals, Emergency, Heavy Duty
- 904 9 Volt Screw Terminals, Emergency
- 918 6 Volt Screw Terminals, General Purpose
- 920 6 Volt Socket Terminals, Barricade
- 926 12 Volt Screw Terminals, General Purpose
- 928 6 Volt Screw Terminals, Heavy Duty Maximum*
- 941 6 Volt Spring Terminals, General Purpose
- 944 6 Volt Spring Terminals, Heavy Duty
- HD-B-12V 12 Volt Type B Barricade Flasher

STROBE & ROTATING LIGHTS

Strobe & Rotating Lights

Heavy Duty Strobe

- Double hit Xenon flash tube.
- Virtually maintenance-free, 10-36 volt range, warning light.
- 7-1/4" H x 4-3/4" base diameter
- All Units Furnished with Magnetic/Suction Pad Base or Permanent Mounting Hardware and Complete Mounting Instructions.

Weight3.8 lbs.
Lens.....Polycarbonate
Fasteners.....Stainless Steel
Light SourceXenon Flash Tube (SMC#2078829)
Electronics.....All Solid State Circuitry
Operating Range ..Outside temperature range between 140°F and -50°F
Candlepower74,315
Amperage5 amps

- 2057784 - HSL-M Magnetic Base - Amber
- 2191891 - HSL-M Magnetic Base - Green
- 2057796 - HSL-P Permanent Base - Amber
- 2191906 - HSL-P Permanent Base - Green



Rotating light

- Utilizes powerful quartz-halogen bulb.
- Rotating reflector is driven by a 12 volt D.C. motor.
- 7-1/4" H x 4-3/4" base diameter
- All Units Furnished with Magnetic/Suction Pad Base or Permanent Mounting Hardware.

Weight3.8 lbs.
Lens.....Polycarbonate
Fasteners.....Stainless Steel
Light SourceQuartz Halogen Bulb (SMC #0101335)
Electronics.....All Solid State Circuitry
Operating Range ..Outside temperature range between 140°F and -50°F
Candlepower12,000
Amperage5 amps

- 2059419 - RRL-M Magnetic Base - Amber
- 2171700 - RRL-M Magnetic Base - Green
- 2088561 - RRL-M Magnetic Base - Red
- 2088548 - RRL-M Magnetic Base - Blue
- 2059421 - RRL-P Permanent Base - Amber



Low Profile Strobe

- Single hit Xenon flash tube.
- Operating range of 11-15.5 volts.
- 4-3/8" H x 4-1/4" base diameter
- Offered only with magnetic/suction base design w/cigarette lighter plug.

Weight2.5 lbs.
Lens.....Polycarbonate
Fasteners.....Stainless Steel
Light SourceXenon Flash Tube
Electronics.....All Solid State Circuitry
Operating Range ..Outside temperature range between -40°C to +50°C
Candlepower90,000
Amperage4 amps

- 2195380 - LPS-M Magnetic Base



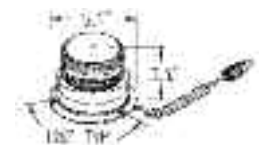
Strobe Lights

(Cost Effective)

- Powerful 90 lbs. pull magnet for temporary mounting
- Factory installed magnet and 12' cigarette cord with plug
- Compact size for easy storage when not in use
- 6 mos. warranty
- Economical light will cover all low intensity applications
- Polycarbonate lens
- Fiberglass filled nylon base
- Reverse polarity protected
- Voltage spike protected
- Temp. range -22° F to +122° F

Applications: Personnel carriers, Forklifts, Scissorlifts, Manlifts

Part No.	Volts DC	Watts	Joules	FPM	Wt (lbs)
6400MG	12 - 80 DC	6	1.5	70 single	1.7



Safety Products

Lights/Alarms

Double Flash & SmartStrobe™ Lights (Low, Medium & High Profile)

Common Features:

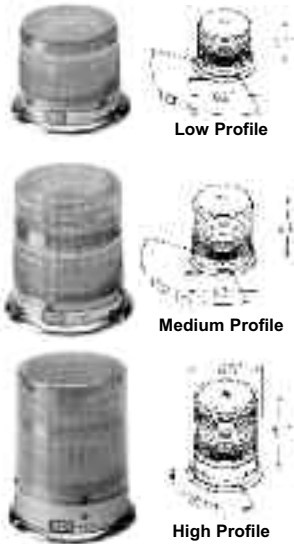
- 2 yr. warranty (6 mos. flash tube)
- Meets SAE J1318 Class I, II or III
- Reverse polarity protected
- Voltage spike and surge protected
- Field replaceable flash tube
- Rugged die cast aluminum base
- Integral internal, external or 1" pipe mounting
- Magnetic mounting available
- Available in amber, blue, clear, green and red
- Made in USA by ECCO®
- Temp range -22°F to +122°F

Additional Feature of Double Flash Models:

- Field selectable high or medium intensity and single or double flash

Additional Feature of Smart Strobe™ Models:

- Automatic flash intensity adjustment for day and night working conditions and field selectable single or double flash



Part No.	Name	Volts DC	Watts	Joules	FPM	Wt (lbs)
Low Profile						
6640	Double Flash	12 - 24	28	8 or 12	65 double	1.7
6645	Smart Strobe™	12 - 24	28	8 - 12	65 double	1.7
Medium Profile						
6660	Double Flash	12 - 24	28	8 or 12	65 double	1.9
6665	Smart Strobe™	12 - 24	28	8 - 12	65 double	1.9
High Profile						
6680	Double Flash	12 - 24	28	8 or 12	65 double	2.8
6685	Smart Strobe™	12 - 24	28	8-12	65 double	2.8

Rotating & Flashing Lights (Rotating Halogen)

Common Features:

- Single parabolic reflector provides highly visible warning signal
- Exceeds SAE J845 Class I
- 1 year warranty (6 mos. bulb)
- Self-lubricating heavy duty motor & gear assembly
- EMI/RFI noise suppression
- Lens & base designed to form seal against dust & moisture

- Field replaceable 55 Watt halogen bulb
- Available in amber, blue, clear, green & red
- Manufactured in the USA by ECCO®
- Temp. range -22°F to +122°F.

Additional Features of Models 5715:

- ECCO® reliability in a cost-effective rotating light
- Integral mounting options cover a wide range of applications; options include external, internal and 1" pipe mount w/o removing lens.

Additional Features of Models 5715-VM:

- ECCO's new vacuum & magnet combination is the only temporary mount rated to 65 mph
- Factory installed vacuum-magnet & 12' cigarette cord w/plug

Applications: Refuse trucks, Utility vehicles, Municipality vehicles, Trailers, Emergency vehicles, Construction vehicles, Delivery vehicles, Buses

Part No.	Volts DC	Watts	FPM	Mounting	Wt (lbs)
5715	12	50	100	Permanent	1.7
5715-VM	12	50	100	Vacuum-Magnet	3.1



Rotating Mini Light Bars (15" Mini Light Bars)

Common Features:

- Dual rotating reflectors with fixed mirror provides highly visible warning signal
- Exceeds SAE J845 Class I
- 1 yr. warranty (6 mo. bulb)
- Self-lubricating heavy duty motor & gear assembly
- EMI/RFI noise suppression
- Lens & base designed to form seal against dust & moisture
- Field replaceable 55 Watt halogen bulb
- Polycarbonate lens & base
- Available in amber, blue, clear, green & red
- Manufactured in the USA by ECCO®
- Temp. range -22°F to +122°F.

Additional Features of Models 5315:

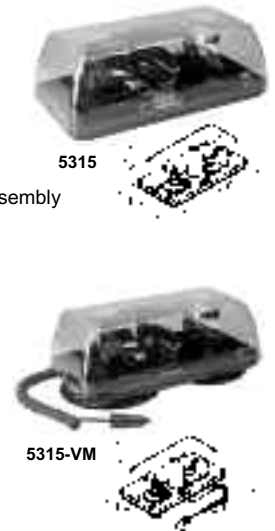
- ECCO® reliability in a cost-effective mini light bar
- Flush mount w/o removing lens
- 140" lead wire for easier installation

Additional Features of Models 5315-VM:

- ECCO's new vacuum & magnetic combination is the only temporary mount rated to 65 mph
- 2 factory installed vacuum-magnets & 12' cigarette cord with plug

Applications: Construction vehicles, Utility vehicles, Delivery vehicles, Emergency vehicles, City fleets, County fleets

Part No.	Volts DC	Watts	FPM	Mounting	Wt (lbs)
5315	12	100	300	Permanent	3.5
5315-VM	12	100	300	Vacuum-Magnet	5



ALARMS

Back-Up Alarms

(Heavy Duty - Off Road ...Heavy Noise)

Common Features:

- Sealed in epoxy against dust, moisture and vibration
- Steam cleanable and pressure washable
- Conforms to SAE J994 criteria
- Meets OSHA, Bureau of Mines, GSA K-Spec and all state regulations
- Voltage spike and surge protected
- Works on positive or negative ground systems
- Made in U.S.A. by ECCO® U.S. Patent #5,315,288
- Extreme temp. range -40°F to +185°F

Additional Features of Models 872 REVO / 876:

- Model 872 REVO manual volume adjustment to cover different applications
- Integral bracket includes same mounting pattern popular with OEM's
- Reverse mounted speaker enhances sound and protects speaker for longer life
- Steel housing and extra heavy duty construction for rugged applications
- ECCOLIFE warranty

Additional Features of Models 840 REVO / 850:

- Model 840 REVO manual volume adjustment to cover different applications
- Model 850 ECCO's most popular and cost-effective heavy duty alarm
- Reverse mounted speaker enhances sound and protects speaker for longer life
- Steel housing and extra heavy duty construction for rugged applications
- ECCOLIFE warranty

Additional Features of Models 767 REVO / 787:

- Model 767 REVO manual volume adjustment to cover different applications
- Modern OEM design for heavy duty construction applications
- Meets OEM "crush" specifications
- 2 yr. warranty



- continues -

Alarms

Back-Up Alarms (Heavy Duty - Off Road... Heavy Noise) (continued)

Additional Features of Model 450:

- Flush mount with standard 4-1/2" rear lighting grommet
- Directs warning signal to rear of vehicle where it is needed most
- Reverse mounted speaker enhances sound and protects speaker for longer life
- ECCOLIFE warranty

Applications: Crawlers, Rear-engine equipment, Off-road trucks, All construction, mine & quarry equipment

Part No.	Decibel	Volts-DC	SAE Type	Wt (lbs)
Heavy Duty				
872 REVO	112 or 97	12 - 36	A or C	3.8
876	112	12 - 36	A	3.8
840 REVO	112 or 97	12 - 36	A or C	2.2
850	112	12 - 36	A	2.2
767 REVO	112 or 97	12 - 36	A or C	2.9
787	112	12 - 36	A	2.9
450	112	12 - 36	A	2.2



Back-Up Alarms

(Medium Duty - Rubber Tired Equipment ...Medium Noise)

Common Features:

- Sealed in epoxy against dust, moisture and vibration
- Steam cleanable
- Reverse polarity protected
- Voltage spike and surge protected
- Made in U.S.A. by ECCO®
- Extreme temp. range -40°F to +185°F

Additional Features of Models 610 / 630:

- Reverse mounted speaker protects alarm for longer life
- Compact steel housing and heavy duty construction designed for demanding applications
- Universal mounting bracket with slotted holes
- ECCOLIFE warranty

Additional Features of Model 410:

- Flush mount with standard 4 1/2" rear lighting grommet
- Directs warning signal to the rear of the vehicle
- ECCOLIFE warranty

Applications: Rubber-tired equipment, Trucks & all buses, Lift trucks, Skid steers, Refuse trucks

Part No.	Decibel	Volts-DC	SAE Type	Wt (lbs)
Medium Duty				
610	97	12 - 36	C	1.25
630	107	12 - 36	B	1.25
410	97	12 - 36	C	1.25



Back-Up Alarms

(Light Duty - Over the Road ...Light Noise)

- Sealed in epoxy against dust, moisture and vibration
- Steam cleanable
- Reverse polarity protected
- Voltage spike and surge protected
- Made in U.S.A. by ECCO®
- Extreme temp. range -40°F to +185°F
- ECCO® reliability in a cost-effective back-up alarm
- Compact size and universal mounting bracket maximize location options
- Self-grounding; no ground wire needed for installation
- 2 yr. warranty

Applications: Electric lift trucks, Delivery vans, Automobiles & RV's, Light trucks & buses

Part No.	Decibel	Volts-DC	SAE Type	Wt (oz)
Light Duty				
505	87	12 - 24	D	12
510	97	12	C	12
520	97	12 - 24	C	12
530	102	12 - 24	Exceeds C	12
570	107	12 - 24	B	12
580	87	12 - 80	D	12
585	97	12 - 48	C	12



Battery Operated Smoke Alarms

Kidde Fyrmetrics battery operated smoke alarms require no wiring and include all batteries necessary for operation. Suitable for installation on walls or ceilings.

0914E Ionization Smoke Alarm

- Ionization Sensor
- For use in all rooms
- Low Battery Indicator
- Test Button

0914ET Ionization Smoke Alarm

- 0914 Twin Pack
- Ionization Sensor
- For use in all rooms
- Low Battery Indicator
- Test Button

0915E Ionization Smoke Alarm

- Ionization Sensor
- For use in all rooms
- Low Battery Indicator
- Test Button

0916E Ionization Smoke Alarm

- Ionization Sensor
- Hush® Button and Hush® Cancel
- Low Battery Indicator
- For Kitchens and Hallways near Bathrooms
- Test Button

0916LLE Ionization Smoke Alarm

- Ionization Sensor
- Hush® Button and Hush® Cancel
- Long Life Lithium Battery
- Low Battery Indicator
- Test Button

0918E Ionization Smoke Alarm

- Ionization Sensor
- Exit Light for Halls/Stairways
- Low Battery Indicator
- Test Button

PE9E Photoelectric Smoke Alarm

- Photoelectric Sensor
- Low Battery Indicator
- Test Button

900-0102-04 Smoke & Carbon Monoxide Alarm

- 2-in-1 Alarm
- Ionization Sensor
- Alarm/Voice Message Warning System
- Low Battery Indicator
- Test Button



Features	0914E	0915E	0916E	0916LLE	0918E	PE9E	900-0102
Battery Powered (Batteries Included)	•	•	•	•	•	•	•
Hush® Button			•	•			
Exit Light					•		
Test Button	•	•	•	•	•	•	•
Flashing Red LED Power On Indicator	•	•	•	•	•	•	•
Low Battery Indicator	•	•	•	•	•	•	•
Piercing 85dB Alarm Horn	•	•	•	•	•	•	•
Ionization Sensor	•	•	•	•	•		•
Photoelectric Sensor						•	
Tamper Proof Locking Pin		•	•	•	•	•	•
5-Year Limited Warranty		•	•	•	•	•	•
10-Year Limited Warranty				•			

Safety Products

Alarms

Interconnectable Smoke Alarms

1235E Ionization Smoke Alarm

- Ionization Sensor
- Alarm Memory
- Test Button
- Quick Connect Harness



1275E* Ionization Smoke Alarm

- Ionization Sensor
- Alarm Memory
- Low Battery Indicator
- Battery Back-up
- Quick Connect Harness



* Also available:
1275EA with 9V Alkaline Battery

1275EH Ionization Smoke Alarm**

- Ionization Sensor
- Alarm Memory
- Battery Back-Up
- Quick Connect Harness
- Hush® Button and Hush Cancel



** Also available:
1275EHL with Long Life Lithium Battery

1285E Ionization Smoke Alarm

- Ionization Sensor
- Battery Back-Up
- Alarm Memory
- Quick Connect Harness
- Exit Light for Halls/Stairways



PE 120E Photoelectric Smoke Alarm

- Photoelectric Sensor
- Battery Back-up
- Quick Connect Harness



Features	1235E	1275E	1275EH	1285E	PE120E
Ionization Sensor	•	•	•	•	
Photoelectric Sensor					•
120V AC Wire-In	•	•	•	•	•
Battery Back-Up (Battery Included)		•	•	•	•
Hush® Button and Hush Cancel			•		
Exit Light				•	
Quick Connect Harness	•	•	•	•	•
Test Button	•	•	•	•	•
Green LED "Power On" Light	•	•	•	•	•
Flashing Red LED Alarm Light	•	•	•	•	•
Flashing Green LED Alarm Memory Indicator	•	•	•	•	
Low Battery Indicator		•	•	•	•
Piercing 85dB Alarm Horn	•	•	•	•	•
5 Year Limited Warranty	•	•	•	•	•

Interconnectable Supplementary Life Safety Devices

HD 135F Heat Detector

- Thermal Sensor
- Battery Back-Up
- Quick Connect Harness
- Test Button



SL 177i* Strobe Light

- For use with Fyrnetics Alarms
- Provides a visual signal to the Hearing Impaired
- Meets UL 1971, NEMA, and ADA Standards
- Bright 177 Candela Strobe

* **Important:** To operate, strobe must be interconnected to an AC powered alarm



SL 177* Strobe Light

- For Use with Non-Fyrnetics Alarms - Manufacturer's Relay Module Required
- Provides a visual Signal to the Hearing Impaired
- Meets UL 1971, NEMA and ADA Standards
- Bright 177 Candela Strobe



Interconnectable Supplementary Life Safety Devices (continued)

120X Relay Module

- Activates or Deactivates Auxiliary Devices
- 1 Set of Form "C" Contacts
- For Use with Multiple Station Alarms



Features	HD135F	SL177i	SL177	120X
120V AC Wire-In	•	•	•	•
Battery Back-Up (Batteries Included)	•			
Quick Connect Harness	•	•	•	
Test Button	•			
Green LED "Power On" Indicator	•	•	•	
Flashing Red LED Alarm Light	•			
Piercing 85dB Alarm Horn	•			
Thermal Sensor	•			
Bright, 177 Candela Strobe		•	•	
Controls Auxiliary Devices				•
5 Year Limited Warranty	•	•	•	•
1 Year Limited Warranty				•

120V AC Operated Carbon Monoxide Alarms

Kidde Fyrnetics offers Nighthawk™ 120V AC plug-in and non-interconnectable AC carbon monoxide alarms. Battery back-up models provide continuous protection, even during power outages.

900-0058 & 900-0033 Carbon Monoxide Alarm

- Basic Unit
- Permanent Electro-chemical Sensor
- Updates every 15 seconds
- Test/Reset Button
- 5 Year Warranty

* Mounting Options: Direct Plug or Wire-In



900-0014, 900-0056 and 900-0026 Carbon Monoxide Alarm

All the features of the Basic Unit plus:

- Digital Readout
- Peak Level Memory
- 5 year Warranty

* Mounting Options: Direct Plug, Wire-In or Power Cord



900-0099 & 900-0100 Carbon Monoxide Alarm

All the features of the Basic Unit plus:

- Digital Readout
- Peak Level Memory
- Battery Back-up
 - 0099 Rechargeable
 - 0100 9 Volt
- 3-Way Mount Plug
- 7 Year Warranty

* Mounting Options: Plug-In with 3-Way Mount



Features	900-0058	900-0033	900-0014	900-0026	900-0056	*900-0100	*900-0099
Wire-In 120V AC		•		•			
Direct Plug-In 120V AC	•				•		
Plug-In w/8' Cord 120V AC			•				
Plug-In with 3-Way Mount 120V AC						•	•
Accessories Provided for Wall Mount, Direct Plug & Table Top Application						•	•
Test/Reset Button	•	•	•	•	•	•	•
Permanent Sensor	•	•	•	•	•	•	•
Digital Readout			•	•	•	•	•
Peak Level Memory			•	•	•	•	•
Green LED "Power On" Light	•	•					
Blinking Red DOT Power On Indicator			•	•	•	•	•
Piercing 85dB Alarm Horn	•	•	•	•	•	•	•
5 Year Limited Warranty	•	•	•	•	•	•	•
10 Year Limited Warranty						•	•

* Model 900-0099 and 900-0100 not UL Listed (IAS Approved).

Alarms/Extinguishers/Gas Monitors

Battery Operated Carbon Monoxide Alarms

9C05-04 Carbon Monoxide Alarm

- Battery Operated
- Permanent Sensor
- Test/Reset Button
- Updates every 15 seconds



900-0090 Carbon Monoxide Alarm

- Battery Operated
- Permanent Sensor
- Peak Level Memory
- Test/Reset Button
- Updates every 15 seconds



900-0089 Carbon Monoxide Alarm

- Battery Operated
- Permanent Sensor
- Peak Level Memory
- Digital Display
- Updates every 15 seconds



900-0102-04 Smoke & Carbon Monoxide Alarm

- Ionization Sensor
- Alarm/Voice Message Warning System
- Low Battery Indicator
- Test Button



CO-STAT Carbon Monoxide Alarm

- Battery Operated with 240V Optional Adapter
- Data Logging Capability
- Alphanumeric LCD Display
- RS232 Computer Interface Cable (Plus Adapter) included



Features	9C05-04	900-0090	900-0089	CO-STAT	900-0102-04
Battery Operated (Included)	•	•	•	•	•
Permanent Sensor	•	•	•	•	•
Flashing Green LED Power Indicator	•	•	•	•	•
Digital Readout			•	•	•
Peak Level Memory		•	•	•	•
Steady On Red LED Alarm Light	•	•	•		
Piercing 85dB Alarm Horn	•	•	•		•
Computer Interface Software				•	
Front Loading Battery Door	•				
5 Year Warranty	•	•	•		•

FIRE EXTINGUISHERS

Fire Extinguishers - Pro Line™ Tri-Class Dry Chemical (ABC)

- A)** Common combustibles such as wood, paper, cloth, rubber, trash & most plastics. *May occur in homes, office buildings or businesses.*
- B)** Flammable liquids such as gasoline, kerosene, oil, grease, solvents & gases. *Commonly strikes in kitchens, garages, light manufacturing plants & warehouses.*
- C)** Live electrical equipment. *Often occurs in computers, motors, wiring and appliances; requires a non-conductive extinguishing agent.*



Model No	Pro 2-5/8 TCM	Pro 4 TCM	Pro 5 TCM	Pro 10 TCM	Pro 20 TCM
Cap. (lbs)	2.6	4	5	10	20
UI Rating	1-A: 10-B:C	2-A: 10-B:C	3-A: 40-B:C	4-A: 60-B:C	10-A: 80-B:C
Ht. (in)	15	16	16	21.2	22
Width (in)	5.3	7.8	7.8	7.4	8.8
Dia. (in)	3.3	4.5	4.5	5.1	7
Ship Wt. (lbs)	4.2	8.8	9.8	19.2	31.7
USCG Approval	yes	yes	yes	yes	yes
Cylinder Material	Alum	Alum	Alum	Steel	Steel
Bracket Type	wall hanger	wall hanger	wall hanger	wall hook	wall hook
Furnished					
Operating Pressure (PSI)	100	100	195	195	195
Discharge Time (Secs.)	8.5-10.5	8.5-10.5	13-15	17-21	20-24
Range (Ft.Max.)	12	12	12	20	20
Temp. Range (°F)	-40 to +120	-40 to +120	-40 to +120	-40 to +120	-40 to +120
Ordering Part No.	466227	466288	466112	466204	466206

Note: A variety of Fire Extinguishers & Extinguishing Agents, along with the proper brackets for mounting are available. Let us help you to select the product that will best suit your companies needs.

GAS MONITORS

MiniGas XL

The MiniGas XL is one of the smallest, most rugged multi-gas monitors on the market. The MiniGas XL offers one, two, three or four gas monitoring and data logging to give protection against flammable, Oxygen and toxic gas hazards.

The MiniGas XL meets the needs of a wide range of industry regulations, meeting compliance standards in over 80 countries worldwide. Rugged and portable, the MiniGas XL is ideal for all types of site work from spot checks to continuous monitoring. The monitor is available with manual or automatic sampling pumps for confined space entry, and is offered in cost effective kits that include all accessories including battery chargers and calibration gas, if needed.

Zellweger Analytics couples a Lifetime Warranty with the NeoGOLD Total Care Program to provide a comprehensive approach to customer satisfaction.

Applications

The MiniGas XL is ideal for a wide range of industries. Applications include:

- Petrochemical
- Public Utilities
- Water and Waste Water Treatment
- Chemical Industry
- Offshore
- Pulp and Paper Industry
- Construction
- Marine and Air Transport
- Steel Production
- Processors
- Food Processing

Newly Improved Features

- Dual alarm lights.
- Optional integral pump.
- Easy-Cal. No special tools required.
- User settable alarms.
- New, lighter weight design.
- 80dBA audible alarm.
- Lifetime Warranty.
- NeoGOLD Total Care Program available.

Features

- Dual rising level alarms, STEL and TWA for toxins.
- Peak hold reading (resettable).
- One, two, three or four gas models.
- Lunch break/standby mode. Allows work breaks without influencing TWA and STEL data.
- Latching or non-latching alarms.
- Auto-zero and span. Within first 60 seconds after switch-on. Protects user from initiating functions in a hazardous atmosphere.
- Integral data logging. Stores up to 300 hours of data.
- Rugged, dust and water resistant (to IP65).
- RFI and EMC protection.
- Pocket-size and light weight. Worn with belt clip or set of harnesses for hands-free operation.
- Interchangeable alkaline or NiCd battery packs. No tools required. Up to 40 hours of use with no down time.
- Watchdog signal.
- Large, backlit liquid crystal display with simultaneous readings.
- Contractor mode – GO/NO-GO.
- Certified intrinsically safe and manufactured to ISO 9001.



	MONITOR/Range	Resolution	Accuracy
Oxygen	0 to 35% VOL	0.1% VOL	.3%
Flammable	0 to 99% LEL (OF) (or 0 to 5% VOL)	1% LEL (or 0.01% VOL)	3% at 50% LEL
Carbon Monoxide	0 to 999 ppm	1 ppm	5% of reading or better
Hydrogen Sulfide	0 to 499 ppm	1 ppm	5 ppm at 50 ppm
Chlorine	0 to 99.9 ppm	.1 ppm	10% of reading or better
Sulfur Dioxide	0 to 55 ppm	1 ppm	5% of reading or better
Nitrogen Dioxide	0 to 99.9 ppm	.1 ppm	± 1 ppm at 20 ppm

– Technical Specifications Continue –

Safety Products

Gas Monitors

MiniGas XL Technical Specifications (continued)

STANDARD ALARMS		U.S
Oxygen Instantaneous	Deficiency	19.5%
	Enrichment	23.5%
Flammable Instantaneous	Methane in Air	10% LEL
Toxic Instantaneous	Carbon Monoxide	200 ppm
	Hydrogen Sulfide	20 ppm
	Chlorine	1 ppm
	Sulfur Dioxide	10 ppm
	Nitrogen Dioxide	8 ppm
Toxic STEL	Carbon Monoxide	100 ppm
	Hydrogen Sulfide	15 ppm
	Chlorine	1 ppm
	Sulfur Dioxide	5 ppm
	Nitrogen Dioxide	5 ppm
Toxic TWA	Carbon Monoxide	35 ppm
	Hydrogen Sulfide	10 ppm
	Chlorine	.5 ppm
	Sulfur Dioxide	2 ppm
	Nitrogen Dioxide	3 ppm
Audible Alarm	80dBA at one meter	
Low Battery Alarm		
Malfunction Alarm		
<i>All alarms are user settable to meet any industry standard</i>		

SPECIFICATIONS:	
Sampling Method	Diffusion or Optional Internal Pump
Display	Liquid Crystal Display, simultaneous readings of gas concentrations
Power Supply	Interchangeable Rechargeable NiCd or Dry Cell (4 x AA) battery pack
Battery Capacity	Rechargeable (nicad): 12 hours minimum Rechargeable (NiMH): 20 hours minimum AA BATTERY: 37 hours minimum.
Operating/Storage Temp.	-4°F to +122°F
Operating & Storage Humidity	99% RH (non condensing)
Dimensions	Rechargeable: 1.75" (Depth) x 2.75" (Width) x 7.125" (Length) AA Battery: 1.75" (Depth) x 2.75" (Width) x 6.8125" (length)
Weight	Aluminum Rechargeable: 25 oz. Zinc Rechargeable: 31 oz. Alkaline: 23 oz. Alkaline: 28 oz.
Approvals	CSA NRTL/C BASEEFA Cert. no. Ex 93Y2379X (Ex ia s IIC T4) (UK) INERIS approved. (France) DMT approved (Germany) INMETRO approved (Brazil)
Datalogging (Optional)	Up to 300 hrs. data storage on a rotating or fixed log IMB compatible
Case	Zinc alloy or lighter weight aluminum; sealed/splash-proof to IP65

Neotox® XL

Neotronics has incorporated many of the features of our successful multi-gas monitor, the "MiniGas", into a compact, durable single gas monitor – the Neotox XL. The pocket-sized Neotox XL is designed for continuous protection in a hazardous area where a specific gas hazard is known to exist. The lightweight construction allows the unit to be worn on the shirt pocket or on the belt.

The Neotox XL combines essential safety features with straight line operation to appeal to the user. This simple-to-use unit offers a top mounted backlit display, one button operation, three levels of alarm and clear, audible visual warnings when gas concentrations are exceeded. Optional datalogging and easy calibration make this tough, stainless steel-loaded, plastic-cased unit an indispensable tool for the worker. Exceptional pricing, Intrinsic Safety Approval, EMC and RFI protection cap the performance of the Neotox XL.

Applications

The Neotox XL lends itself to varied applications such as:

- Oilfield Monitoring
- Chemical Laboratories
- Open Air Plant Measuring
- Silos
- Food Processing
- Steel Processing
- Residential Monitoring
- Underground / Parking Garages
- Handling Bulk Chlorine

– continues –



Neotox XL (continued)

Features

- **Small, lightweight design.** Permits the unit to be worn easily on the shirt pocket or on the belt.
- **Top-mounted digital display; display defaults to Alarm Condition.** Allows easy viewing of gas concentration alerting the user to specific concern.
- **Watchdog "Bleep".** Indicates the Neotox XL is functioning, providing further reassurance to the user.
- **"Lock On" audio/visual alarms, TWA, STEL and real time gas alarms.** Insures user safety.
- **Color coded.** Assists for rapid identification of the gas monitored.
- **Peak reading.** Quick recall of maximum levels reached.
- **Auto-zero.** Activated within the first 60 seconds of operation safeguards against accidental auto-zero in a contaminated atmosphere.
- **Optional integral datalogging.** Simple storage and retrieval of exposure data, alarm events, exposure profiles and session peaks on a rotating log.
- **Rubber boot.** Provides additional grip and added protection for the monitor in harsh environments.
- **Ask about the FIRETOX version.**

	MONITOR/Range	Resolution	Accuracy
Oxygen	0 to 35% VOL	0.1% VOL	.2%
Flammable	0 to 100% LEL	1% LEL	5% of reading or better
	(or 0 to 5.0% VOL)	(or 0.1% VOL)	
Carbon Monoxide	0 to 999 ppm	1 ppm	5% of reading or better
Hydrogen Sulfide	0 to 499 ppm	1 ppm	5% of reading or better
Chlorine*	0 to 99.9 ppm	0.1 ppm	± ppm at 20 ppm
Sulfur Dioxide*	0 to 99.9 ppm	0.1 ppm	± ppm at 20 ppm
Nitrogen Dioxide*	0 to 99.9 ppm	0.1 ppm	± ppm at 20 ppm
* Call for availability			
Accuracies are typical values.			

STANDARD ALARMS		U.S
Oxygen Instantaneous	Deficiency	19.5%
	Enrichment	23.5%
Flammable Instantaneous	10% Lower Explosive Limit Methane in Air	
Toxic Instantaneous	Carbon Monoxide	200 ppm
	Hydrogen Sulfide	20 ppm
	Chlorine	1 ppm
	Sulfur Dioxide	8 ppm
	Nitrogen Dioxide	8 ppm
Toxic STEL (15 mins)	Carbon Monoxide	100 ppm
	Hydrogen Sulfide	15 ppm
	Chlorine	1 ppm
	Sulfur Dioxide	5 ppm
	Nitrogen Dioxide	5 ppm
Toxic TWA	Carbon Monoxide	35 ppm
	Hydrogen Sulfide	10 ppm
	Chlorine	0.5 ppm
	Sulfur Dioxide	2 ppm
	Nitrogen Dioxide	3 ppm
<i>Various alarm settings are available. Please ask for details.</i>		
Audible Alarm	80dBA at one meter.	
Approvals	BASEEFA Cert. no. Ex 95C2092X (EEx ia IIC T4). CSA-NRTL.	

SPECIFICATIONS:	
Case	Stainless steel-loaded ABS plastic. Instrument case (excluding sensor compartment) sealed / splashproof to IP65.
Display	Liquid Crystal Display
Power Supply	Rechargeable (NiMH-nickel metal hydride) or dry cell (3 x AA) battery pack
Battery capacity (min)	Oxygen and toxics: Rechargeable: 100 hours. AA Battery: 390 hours alkaline 170 hours zinc chloride
	Flammable: Rechargeable: 10 hours. AA Battery: 35 hours zinc chloride. 12 hours zinc chloride.
Datalogging (optional)	Up to 90 hours data storage on a rotating log or fixed log. IMB compatible.
Operating Temp.	-4°F to +122°F
Operating Humidity	99% RH (non condensing).
Dimensions	2.0" (depth) x 2.5" (Width) x 4.5" (Length)
Weight	Oxygen: 8.2 oz. dry cell (excl. batteries) 9.6 oz. rechargeable
	Toxics: 6.4 oz. dry cell (excl. batteries) 7.8 oz. rechargeable.
	Flammable: 8.6 oz. dry cell (excl. batteries). 10 oz. rechargeable.

Gas Monitors/Safety Products

Solotox®

Personal Gas Monitor. It sees gas and goes "BEEP!"

The SOLOTOX is a disposable, personal, portable single gas detector. This miniature, pocket-size gas detector requires zero maintenance (no battery replacement or calibration). This device is an inexpensive way to provide personal safety when hazardous levels of either hydrogen sulfide or carbon monoxide are present. The new SOLOTOX is sealed for life and has a set point alarm. The alarm (audible 90dB and visual red LED) will sound for the length of time the gas concentration exceeds the set point of alarm, or until the internal battery is exhausted.



A low battery warning (48 hours life remaining) is also provided.

Features

- **Simple GO/NO GO design.** Minimal training required.
- **Two year "Maintenance-Free" life.** Cost of ownership is significantly lowered – no replacement of sensors or batteries, and a two (2) year warranty.
- **Audible visual alarms.** Wrap around warning light flashes every 45 seconds to assure user unit is on. Audible and visual alarm sounds when gas levels exceed alarm set points.
- **Compact, rugged design.** Small, lightweight design is worn without being noticed. The sturdy enclosure and belt clip withstand a reasonable amount of rough usage.
- **Low life battery indicator.** A low battery warning warns user of 48 hours of battery life remaining.

TECHNICAL SPECIFICATIONS:

Dimensions: 3" x 2.5" x 1.6"

Weight: 3 oz.

Alarm Set Points: Hydrogen Sulfide: 7.5 - 12.5 ppm.
Carbon Monoxide: 18 - 42 ppm.

Alarm: Audible: 80dB.
Visual: LED.

Gas Alarm: Repeating audible and visual.

Confidence Signal: Visual signal every 45 seconds.

Low Battery Warnings: Increases visual signal to every 15 seconds.

Measuring Range: Carbon Monoxide: 0 - 500 ppm.
Hydrogen Sulfide: 0 - 100 ppm.

Enclosure: Anti-static impact and corrosion resistant plastic. Immunity to RFI/EMC.

Certification: Intrinsically Safe.
Europe: CENELEC EEx ia IIC T4.
North America: UL Class 1, Div 1, A, B, C and D.

Response Time To Alarm:
<6 seconds (at 50% operating limit concentration).

Operating Temperature: +14°F to 130°F.

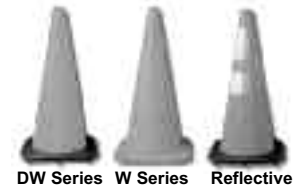
Warranty: Two years.

SAFETY/WARNING PRODUCTS:

Safety Cones

- Wide body design with rugged black base.
- Flow molded, dayglow red/orange PVC with white inner liner.

- 0100680 - Cone TC-6DW
- 0100032 - Cone TC-12DW
- 0100109 - Cone TC-18DW
- 0100355 - Cone TC-28DW
- 0100408 - Cone TC-28DW Flagtop
- 2058647 - Cone TC-28DWH 10 lbs.
- 2058116 - Cone TC-36DW
- 2089926 - Cone TC-36DW 12 lbs..



W Series

- Wide body design with orange base.
- Flow molded, dayglow red/orange PVC with white inner liner.

- 0100006 - Cone TC-12W
- 0100238 - Cone TC-18W
- 2058635 - Cone TC-28WH 10 lbs..
- 2058130 - Cone TC-36W
- 2058087 - Cone TC-28W

Reflective Cone Collars

- Meets all MUTCD requirements for nighttime visibility.
- 3M or Reflexite brand available in upper 6" and lower 4" sizes.
- Specify type of cone and size of collars when ordering.

Standard Lamba® Cones

Protect yourself from liability issues with the first name in slip, trip and fall protection. Lamba® Systems, with its patented design, offers the original four-sided cone with a variety of messages, languages and accessories, including chain links and lock-in signs. They can be stacked in just one square foot of space when not in use.



25" and 35" Floor Cones and International Floor Cones

- Available plain or imprinted
- Available in yellow or international orange
- 25" cone dimensions: 10" base, 4-3/4" middle, 3-1/4" top
- 35" cone dimensions: 12" base, 6" middle, 3-1/2" top

25" and 35" Floor Cones

Message	25" Yellow	25" Orange	35" Yellow	35" Orange
Plain	23820	23803	23888	23851
Caution (only)	23819	23802	23887	23843
Danger People Working Above	N/A	N/A	23834	23844
Floor May Be Slippery	N/A	N/A	23836	23845
Hazardous Material	N/A	N/A	23911	23846
Icy Areas	N/A	N/A	23983	N/A
No Entry - Restroom Closed	23800	23921	23838	23847
No Parking	23801	23907	23839	23848
No Smoking	N/A	N/A	23840	23849
Restricted Area	N/A	N/A	23861	23852
Safety First	23809	23805	23863	23853
Wet Floor	23812	23806	23870	23858

23" & 35" International Messages

Message	25" Yellow	35" Yellow
SPANISH Cuidado Piso Mojado	23935	N/A
SPANISH/ENGLISH Cuidado Piso Mojado/Wet Floor	23816	23879
Cuidado/Seguridad aute todo/Safety First	23811	23868
Cuidado/Wet Floor	23817	N/A
FRENCH Securite d'abord	23909	23837
FRENCH/ENGLISH Securite d'abord/Safety First	23810	23865
Plancher mouille/Wet Floor	23815	23873
Sol glissant/Slippery	N/A	24074

Safety Products

Safety Products

Packaged Systems

Three Cone System

- Available in 25" or 35"
- Contains: 3 Yellow Cones
1 Flashing Light
1-20' Yellow Plastic 2" Chain
2 Lock-in Signs (Red)
4 Message Labels*

3 Cone System			
Message	*MSG Label	25"	35"
Wet Floor	A	23824	23891
Safety First	B	23823	23890

Five Cone System

- Available in 25" or 35"
- Contains: 5 Yellow Cones
3 Red Flashing Lights
2-20' Plastic 2" Chains
2 Lock-in Signs (Red)
4 Message Labels*

5 Cone System			
Message	*MSG Label	25"	35"
Wet Floor	A	23826	23893
Safety First	B	23825	23892

*Message Labels Supplied With System	
A	B
2 Wet Floor Walk to the Right	1 Wet Floor Walk to the Right
2 Wet Floor Walk to the Left	1 Wet Floor Walk to the Left
	1 Slippery
	1 Watch Your Step



International Packaged Systems:

Three Cone System

- Available in 35" only
- Contains: 3 Yellow Cones
1 Red Flashing Light
1-20' Plastic 2" Chain
2 Lock-in Signs (Red)
4 Message Labels*

Message	*MSG Label	35"
Wet Floor (English/Spanish)	C	23980
Wet Floor (English/French)	D	24113
Safety First (English/French)	D	23889

*Message Labels Supplied With System	
C	D
2 Slippery (Eng/Sp.)	2 Slippery (Eng/Fr.)
2 Watch Your Step (English/Spanish)	2 Watch Your Step (English/French)



Five Cone System

- Available in 25" or 35"
- Contains: 5 Yellow Cones
3 Red Flashing Lights
2-20' Plastic 2" Chains
2 Lock-in Signs (Red)
4 Message Labels*

Message	*MSG Label	25"	35"
Wet Floor (Eng/Sp.)	E	23982	23981
Wet Floor (Eng/Sp.)	F	N/A	23946

*Message Labels Supplied With System	
E	F
2 Slippery (Eng/Sp.)	4 Wet Floor (Eng/Sp.)
2 Watch Your Step (English/Spanish)	

Safety Floor Signs

Lamba® Systems has helped a large number of corporations control their environments and dramatically reduce their liability programs. Instrumental in these efforts has been Lamba's 2x4™ safety floor sign. Featuring Lockin' Arm™ technology for easy set-up and extra stability, four sided caution messages display clear warnings from every angle. The 25" high, bright yellow plastic signs fold up quickly and store in spaces as narrow as 3" across.

Custom Screening

- Image is silk-screened on both sides of 2x4™
- Logo message is screened in black
- Logo imprint area measures 2" x 4" (see illustration for imprint location)

2x4 Floor Sign

- 25" high, bright yellow plastic signs stand up and stay up when needed, fold up when not
- Message displayed clearly on all four sides provides clear warning from every angle
- Innovative Lockin' Arm™ lets you place sign quickly and easily, locks solidly into place to prevent collapsing
- Folds up quickly to space saving 1-1/2" thickness
- To expand the effectiveness of the 2 x 4™, simply attach our 2" link chain to the custom hooks to create a safety system

- 20' (Bulk) #26407
- 100' (Bulk) #26408

Description	Item No.
Caution, Wet Floor	24102
Safety Man, Large, Wet Floor	24103
Safety Man, Small, Wet Floor	24104
Wet Floor, Walk Right/Left	24105
Wet Floor, Cuidada Piso Mojado	24106
Wet Floor, Plancher mouille	24107
Closed, Cerrado, Ferme	24108
No Entry, Restroom Closed	24109
Caution, Watch Your Step	24110
Out of Service	24111



Economy Floor Stands

- Lightweight, corrosion resistant and moisture proof
- Folds flat for easy storage
- 9-1/4" W x 24" H

Description	Item No.
Yellow (no legend)	32040
Caution Watch Your Step	32041
Caution Wet Floor	
Cuidado Piso Mojado	32042
Caution, Wet Floor	32046
Closed, Cerrado, Ferme	32047
No Entry, Restroom Closed	32048
Out of Service	32049

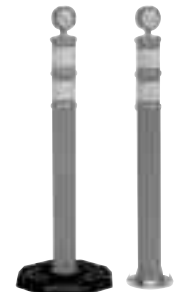


Delineator Posts

Movable Deluxe Delineator Post

- Durable, 100% recycled rubber, 16" octagon base with interlocking PVC post.
- Standard 4" x 42" high post (#2094294) comes with two 3" reflective bands.
- Order optional 3" round 3M yellow diamond grade reflective, on both sides of post, for additional safety (#2195366).

- 2094294 - Delineator Deluxe (Post Only), 42RP
- 2195366 - Delineator Deluxe (Post Only) with Yellow Diamond Grade Reflective
- 0102391 - Rubber Delineator Base, Light
- 0102406 - Rubber Delineator Base, Heavy
- 2173459 - Dura-Bill 25# Super Heavy



Movable Deluxe Maxi-Post

Maxi-Post Kits

- Features 8" diameter cast aluminum base with clamp.
- Standard 4" x 42" high post (#2094372) comes with two 3" reflective bands.
- Order optional 3" round 3M yellow diamond grade reflective, on both sides of post, for additional safety (#2195483).
- Kits contain post, base and clamp. Call Hanes Supply for information on individual kit components.

- 2094372 - Maxi-Post Complete Kit, 42PM
- 2195483- Maxi-Post Complete Kit with Yellow Diamond Grade Reflective

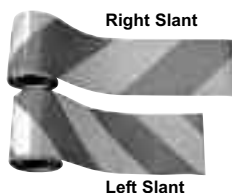
Safety Products

3M Barricade Tape

- Reflective engineer grade • Pressure sensitive • Other sizes available

4" Stripe

- 2050140 - 7-3/4" x 50 yds., 4" Stripe, Left Slant
- 2050152 - 7-3/4" x 50 yds., 4" Stripe, Right Slant
- 2050188 - 8" x 50 yds., 4" Stripe, Left Slant
- 2050205 - 8" x 50 yds., 4" Stripe, Right Slant
- 2053350 - 11-3/4" x 50 yds., 4" Stripe, Left Slant
- 2053374 - 11-3/4" x 50 yds., 4" Stripe, Right Slant
- 2050293 - 12" x 50 yds., 4" Stripe, Left Slant
- 2050310 - 12" x 50 yds., 4" Stripe, Right Slant



6" Stripe

- 2050164 - 7-3/4" x 50 yds., 6" Stripe, Left Slant
- 2050176 - 7-3/4" x 50 yds., 6" Stripe, Right Slant
- 2050190 - 8" x 50 yds., 6" Stripe, Left Slant
- 2050217 - 8" x 50 yds., 6" Stripe, Right Slant
- 2053362 - 11-3/4" x 50 yds., 6" Stripe, Left Slant
- 2053386 - 11-3/4" x 50 yds., 6" Stripe, Right Slant
- 2050308 - 12" x 50 yds., 6" Stripe, Left Slant
- 2050322 - 12" x 50 yds., 6" Stripe, Right Slant

Plastic Barricades

- 100% recyclable.
- Manufactured from a minimum of 30% post consumer recycled plastic.
- Reflective panels are replaceable. Just pop off old panel and replace with new via plastic rivets.
- Recessed slot ensures light remains attached upon impact.
- Optional weighted cartridges eliminate the need for sandbags. Cartridges snap into place on inside of barricade legs. Approx. 5 lbs. each.
- Recessed area protects reflective sheeting.
- Available in Type I and Type II configurations with engineer grade or high intensity reflective sheeting.
- Barricades available stenciled with municipality or company identification. Call Customer Service for details.

Type I Plastic Barricade

- Meets MUTCD specifications.
- Dimensions: Folded - 24" W x 42" H; top panel 12" x 24" with reflective; bottom panel 4" x 24" non-reflective.

- 2085792 - PRB-124, Type 1 EGR
- 2085805 - PRB-124, Type 1 HI-INT.
- 2085831 - 12" x 24" Replacement Panel - EGR - Left Slant
- 2171059 - 12" x 24" Replacement Panel - EGR - Right Slant
- 2085844 - 12" x 24" Replacement Panel - High Intensity
- 2085857 - Plastic Panel Fasteners (6 per case)
- 2085870 - Weight Cartridges (4 per case)



Type II Plastic Barricade

- Meets MUTCD specifications.
- Dimensions: Folded - 24" W x 42" H; top panel 8" x 24" with reflective; bottom panel 8" x 24" with reflective.

- 2092552 - PRB-88 Type II EGR
- 2093956 - PRB-88 Type II HI-INT.
- 2093982 - 8" x 24" Replacement Panel - EGR
- 2093969 - 8" x 24" Replacement Panel - HI-INT.

Channelizers

PB-85

- Meets or exceeds all MUTCD specifications.
- Handle/Light Bracket improves job site mobility and will accommodate all Type A or C lights.
- Constructed of high density polyethylene. Retains shape after impacts.
- Two-piece barrel with breakaway/and-roll design.
- Weight: approx. 12-1/2 lbs.

- 2094411 - PB-85 Plain - No Stripes
- 2094788 - PH5 with 4-4" Engineer Grade Stripes
- 2094775 - PB-85 with 4-6" Engineer Grade Stripes
- 2094801 - PB-85 with 4-4" High Intensity Stripes
- 2094762 - PB-85 with 4-6" High Intensity Stripes
- 2055621 - PB-85 Base Only



- Channelizers continue -

Channelizers (continued)

Tough Woven Poly Sandbags

- Hemmed top polypropylene sandbags. Tie cord attached.
- Available in 14" x 26" or 18" x 27".
- Colors: White or Orange.
- Orange UV Rating - 1,200 hrs. White UV Rating - 500 hrs.
- 100 sandbags per bundle.

- 0119174 - Sandbag White 14" x 26" BSB
- 2057320 - Sandbag Orange 14" x 26" BSB-O
- 2057318 - Sandbag White 18" x 27" BSB-L
- 2057332 - Sandbag Orange 18" x 27" BSB-LO



Flashing Barricade Light - "SUNDOWNER"

- Meets all MUTCD requirements and ITE specifications in 12 volt configuration.
- 7" polycarbonate lens with advanced optics. Standard amber only.
- Dependable solid-state transistorized circuitry coated for protection against weather.
- Blinking, steady burn and three-way (blink, steady burn, off) operational modes are available.
- Available in standard yellow only.
- Optional solar cell extends battery life.
- Available in standard 6 volt or 6 volt photo cell, 12 volt or 12 volt photo cell and 6 volt steady burn with photo cell switch. Also available in 6 volt L.E.D.
- Standard packaging: 10 lights/carton only, 1 wrench with handle, 10 bolts, 3 switch pins, Order bolt protectors and batteries separately.



- 2026486 - Sundowner 6V Flasher w/ Photo Cell-Incandescent Bulb
- 2010396 - Sundowner - All combinations of Incandescent or L.E.D. Bulbs

Reflective Roll-Up Sign Panels

Fluorescent Orange Super Bright

- New fluorescent orange color provides maximum visibility.
- Fluorescent orange microprismatic sheeting increases legibility despite higher retro-reflective performance.
- Available in 36" and 48" sizes.
- Features vinyl coated nylon pocket design. Lexan pockets available upon request.



3M Fluorescent Diamond Grade

- New fluorescent orange color provides maximum visibility.
- Offers increased angularity for enhanced nighttime performance.
- Available in 36" and 48" sizes.
- Features vinyl coated nylon pocket design. Lexan pockets available upon request.

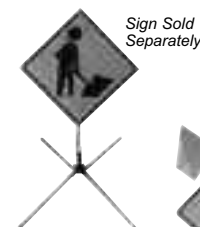


Roll-Up Sign Stands

QF-V-60

- Designed to display Roll-Up sign panels a full 5' off the ground in areas where an extra high display is either required or advised.

- 0101505 - QFV-60 Base & Mast-Quadra Flex Roll-Up 60



Rigid Sign Stands

QF-VR-60

- Designed to display Rigid panels a full 5' off the ground in areas where an extra high display is either required or advised.

- 0101854 - QFV-60 Quadra Flex Rigid 60



Safety Products

Safety Products

Safety Vests - Heavy Duty/HDV

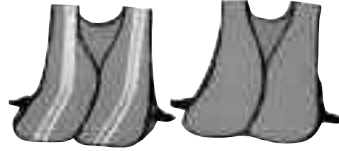
- Conforms to MUTCD.
- Constructed from highly visible 7.5 oz. red/orange fluorescent knit fabric.
- Vinyl coated polyester yarn fabric, 80% P.V.C./20% polyester.
- 3/4" x 2" front hook & loop closure with 3/4" x 8" elastic side straps.
- Bound in 3/4" black vinyl binding.
- Reflective vests have 13/8" vertical stripes (1-1/2" for 3M lime/silver) on both front and back.

Non-Reflective (Std. Pkg.- 50)

- 0103929 - Vest HDV*
- 0103917 - Poncho HDP

Reflective (Std. Pkg. 50)

- 0103993 - Vest HDV-3M-White
- 0103967 - Vest HDV-3M-Lime
- 0103981 - Vest HDV-3M-Silver
- 2058001 - Vest HDV-3M-Lime/Silver*
- 0104002 - Vest HD-REFLEX.-White
- 0103979 - Vest HDV-REFLEX.-Lime*
- 0104014 - Vest HDV-REFLEX.-Yellow
- 0103905 - Poncho HDP Reflexite-Yellow



* Standard stocking Items

Specialty Vests

- Constructed of heavy-duty vinyl-coated fluorescent knit fabric.
- Reflexite (qty. 6 or more only) or 3M (any qty.) reflective 1-3/8" vertical stripes and 4" x 18" reflective patches on both front and back. Reflective colors of lime or white only. Available in single or double patches.
- Fabric colors available: orange, blue, brown, forest green, black, white, lime and yellow.
- 3/4" x 2" front hook & loop closure with 3/4" x 8" elastic side straps.
- Bound in 3/4" black vinyl binding.
- Standard legends include the following:

Command Operations	Medical Emergency	Commander Paramedic	Officer EMS	Crime Police	Triage
EMT	Rescue	Fire	Safety	Fire Police	
Scene Incident	Guard Security	School Liaison	Haz-Mat Sheriff	Guard Manager	



- To build your own Specialty Vest, call Customer Service with specifications. Set up charges may apply.

- 0104258 - Blue "Police" Lime Reflective (Single Patch)
- 0104260 - Orange "Police" Lime Reflective (Single Patch)
- 0104296 - Brown "Sheriff" Lime Reflective (Single Patch)
- 2084635 - Orange "Security" Lime Reflective (Single Patch)

HDV Lime Safety Vest

- Meets D.O.T. requirements for fluorescent lime, vinyl coated, mesh vest.
- Shown with Reflexite white stripes, also offered in 3M 1-1/2" orange/silver or 1-3/8" Reflexite red.
- Features black vinyl binding with elastic side straps and hook & loop front closure.

2195536 - HDV Lime-Reflective-Wht.



GPV Silver Reflective Binding Safety Vest

- Features 3M silver reflective binding for added visibility in work zones.
- General purpose (GPV) material with 1-1/2" 3M reflective lime/silver stripes.
- Elastic side straps with hook & loop front closure.

12093891 - GPV-Silver 3M Reflective Binding



Aluminum Stop/Slow/Go Paddles

- Aluminum silk-screened octagon shaped paddles in 15" or 18" size.
- Available with aluminum or wooden handles.
- Ideal for school crossing guards, flaggers and plant security guards.

15" Paddle w/Aluminum Handle

- 2058348 - Stop & Go
- 2058556 - Stop & Stop
- 2058386 - Stop & Slow

15" Paddle w/Wood Handle

- 2058398 - Stop & Slow

18" Paddle w/Wood Handle

- 2058415 - Stop & Slow

18" Paddle w/Aluminum Handle

- 2058362 - Stop & Slow
- 2058570 - Stop & Stop
- 2058403 - Stop & Slow

18" Paddle w/6 ft. Wood Staff

- 2094255 - Stop/Slow



Flags

Heavy Duty Knitted Warning Flag

- 18" x 18" or 24" x 24" heavy duty fluorescent red/orange knitted flag w/ vinyl trim.
- Resists fraying, tearing, and snagging.
- 3/4" diameter wood dowel available in 24", 30" or 36" lengths.
- Std. pkg. 50.

18" Flag on Wooden Dowel

- 0102822 - Flag Warning KVF-1824
- 0102734 - Flag Warning KVF-1830
- 0102846 - Flag Warning KVF-1836
- 2057629 - Flag Warning KVFO-18 (Flag Only)

24" Flag on Wooden Dowel

- 0102858 - Flag Warning KVF-2430
- 0102860 - Flag Warning KVF-2436
- 2057631 - Flag Warning KVFO-24 (Flag Only)



Standard Vinyl Warning Flag

- 18" x 18" or 24" x 24" fluorescent red/orange vinyl-coated nylon blend flag.
- 3/4" diameter hardwood dowels available in 24", 30" or 36" lengths.
- Heat sealed hem.
- Available with non-fouling feature at additional cost.
- Available with imprinting at additional cost.
- Std. pkg. 50.

18" Flag

- 0117152 - Flag Warning VF-1824
- 0117229 - Flag Warning VF-1830
- 0117176 - Flag Warning VF-1836
- 0117164 - Flag Warning VFO-18 (Flag Only)

24" Flag

- 0103266 - Flag Warning VF-2430
- 0117205 - Flag Warning VF-2436
- 0117138 - Flag Warning VFO-24 (Flag Only)



Colored Pennants

- 9" x 12" on 50', 60' or 100' string.
- Colors available: Red, Orange, Yellow, Alternating Red/White, Alternating Orange/White and Multi Color.
- Tensile strength 107 lbs.
- Standard package of 50 each.

Pennants on 60' String

- 0118895 - Multi-Color
- 0118871 - Orange
- 0111689 - Orange/White
- 0118845 - Red
- 0118857 - Red/White
- 0118869 - Yellow

Pennants on 100' String

- 0111615 - Multi-Color
- 2058336 - Orange
- 0111627 - Orange/White
- 0111653 - Red
- 0111639 - Red/White
- 0111665 - Yellow

Pennants on 50' String

- 0111677 - Multi-Color
- 2059603 - Red



Safety Products

Airport Windsocks

- Strong vinyl coated nylon fabric in dayglow orange color.
- Reinforced at both ends with extra stitching.
- Windsock hardware sold separately.
- Available in two sizes: 2' x 8' x 11" or 2' x 12' x 9"

0119239 - Airport Windsock AWS-8
0103565 - Airport Windsock SWS-1 2



Windsock Hardware Kit

- Includes hemi-rings, bolts, nuts, machinery screws and half ring.

0118209 - Windsock Hardware Kit

Safety Flares

- Visible in fog, rain, or snow.
- Easy to ignite with self-contained striker.
- Approved by Underwriter's Labs.
- Available in 20 or 30 minute duration.
Spike, spikeless and wife flares in stock.



20 Minute - 72 per case (11-1/2" long)

0117944 - Flare 30 min. Non-Spike
0117956 - Flare 20 min. Spike
0117932 - Flare 20 min. Wire

30 Minute - 36 per case (15-1/2" long)

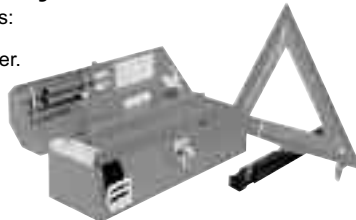
0117279 - Flare 30 min. Non-Spike
0117267 - Flare 20 min. Spike
0117920 - Flare 30 min. Wire



Fleet Emergency Safety Kit

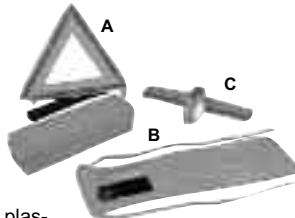
This Emergency Safety Kit consists:

- 3 - Compact safety triangles.
 - 1 - 2-3/4 lb. 10 B.C. fire extinguisher.
 - 3 - 30 minute Cyalume Lightsticks.
 - 1 - Storage box for spare bulbs.
 - 5 - 20 Amp fuses.
 - 1 - Hold down strap and heavy duty red metal carrying case.
- Box size 20" L x 7" W x 8" H.
12078817 - Fleet Emergency Kit



Safety Triangle Kits

- Meets FMVSS Standards.
- Constructed of molded polypropylene plastic with red acrylic plastic reflectors.
- Wire bracing will control degree of tilt, even in extreme wind conditions.
- Air-flow design helps reduce wind resistance.



- A) Three triangles packed in a heavy-duty plastic case. Complies with Federal Motor Vehicle Safety Standard No. 125.
0118546 - Hwy. Triangle Kit HWT-3
- B) One triangle enclosed in protective water resistant bag.
0118560 - Hwy. Triangle Single HWT-1
- C) Optional vehicle mounting bracket for HWT-3 #0118546.
2085636 - Bracket Vehicle Mounting HWT-3

Rubber Wheel Chock

- Built to meet OSHA requirements. Designed for maximum traction on practically any surface, wet or dry.
- Metal "O" hook imbedded in back.
- Fluted design causes downward pressure to lock chock into place.
- Available with 12 ft. of jack chain.
- Dimensions: Height: 6" Depth: 8" Length: 10"



0109765 - Wheel Chock WC-47 (No Chain) 9 lbs.
0109777 - Wheel Chock WC-47CH (Chain 12 lbs. attached)

Protector Caps:

Bargard® Protector Caps

Ask for the original by name, BarGard®

A-5 #23704

- Fits rebars 3/8" to 3/4" diameter
- Also fits inside 1" ID pipe

A-10 #23700

- Fits rebars 3/8" to 1-1/4" diameter
- Also fits inside 1-3/4" ID pipe

A-20 #23702

- Fits rebars 1" to 2-1/4" diameter



Buffalo BarGard®

- Meets Cal OSHA standards

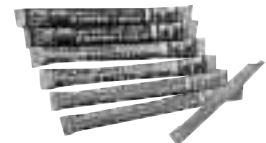


WARNING: BarGard® caps are not designed or intended to provide impact or impalement protection. They are not a substitute for covering vertical reinforcing steel with timber, as recommended by OSHA, and are not recommended for use when protection from falls is required. For additional information on acceptable methods of guarding against impact or impalement, consult OSHA CFR TITLE 29, PART 1910, ANSI 10.9-1983 and your state regulations for specific requirements.

CYALUME® Lightsticks

- Ideal for traffic control, utility operations, and in-plant use.
- Available in 12 hour green or hi-intensity red and yellow with 30 minute duration.
- Just bend, snap and shake for instant light.
- 10 lightsticks per package.

12057655 - Lightsticks 12-Hour Green
12056601 - Lightsticks 30-min. Hi-intensity Red
12056596 - Lightsticks 30-min. Hi-intensity Yellow



Highway Banners

- Available in WIDE LOAD, OVERSIZE LOAD, or WIDE LOAD/OVERSIZE LOAD combination.
- Bright yellow w/black letters.
- 18" x 8' with 5 foot rope ties.
- Letter size: 12".
- Special sizes available.

0119150 - Banner Wide WLB-8
0109820 - Banner Oversize OLB-8
0119162 - Banner Wide/Over C/WLB



Metal Book Placards

- Unique design allows you to change cargo identification without tools or tapes.
- Four quick release fasteners hold the placard firmly in place.
- Hinges and fasteners made of stainless steel.
- Base and placards made of aluminum.
- Available in two models:
 - One piece for sides and front of vehicle.
 - Two piece for roll-up rear doors with narrow horizontal panels.



Both models contain the following placards: NON-FLAMMABLE GAS, FLAMMABLE, RADIOACTIVE, FLAMMABLE GAS, OXIDIZER, CORROSIVE, DANGEROUS, POISON and DRIVE SAFELY IN CENTER.

10109832 - Placard 1 TD-8 1-Piece
10109856 - Placard 2 SD-8 2-Piece

Removable Pressure Sensitive Vinyl Decal

- Decals made with 3M Scotchcal removable pressure sensitive film.
- Product numbers can be printed on decal as required.
- Available for nitrogen, liquid petroleum gas, gasoline and diesel.

0109882 - Decal Removable TPV-1 (Nitrogen) 1006
0109894 - Decal Removable TPV-2 Liquid (Petroleum Gas) 1075
0109909 - Decal Removable TPV-3 (Gas) 1203
2077980 - Decal Removable TPV-3 (Diesel) 1993



Safety Products

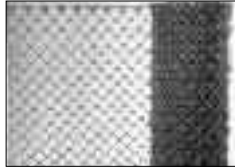
Fencing/Tapes

FENCING

Plastic Fence

Plastic Safety Fence

- Plastic diamond mesh safety fence.
- Made of durable polyethylene.
- Rugged yet flexible, re-usable, highly visible and U.V. stabilized.
- Ideal for temporary or permanent enclosures.
- Available in 4' or 5' by 50 foot length.
- Other colors available. Call Hanes Supply for details.



2088353 - Fence Safety FNC-450 Orange
0110283 - Fence Safety FNC-550 Orange

Lightweight Warning Barrier Fence

- Available in 4' x 100' rolls
- Smaller diameter roll size for ease of handling and compact storage.
- Lightweight 16 pounds.
- Highly visible orange color.

2057679 - LWBF-4100 Lightweight Warning Barrier



Silt Fence

- Polypropylene barrier fence used for erosion control.
- 48" oak posts attached to fence spaced approximately 10' apart.
- Reinforcing cord sewn in the top hem of fence.
- Color - Black only.
- Roll size - 36" x 100'.
- Weight - 40 lbs. per roll.
- Roll diameter - 10".

2087651 - Silt Fence 36" x 100' Black with Posts



Plastic Snow and Sand Fence

- Used to control drifting snow and sand.
- Manufactured of high density polymers and is U.V. stabilized for long life.
- Color: Orange.
- Weight: 24 lbs.
- Rolls: 4' x 100' length.

0110348 - Fence General Purpose SFC-41 00



Fiberglass Fence Post

- Specially designed for use with plastic fence.
- 6-1/2' long.

0110453 - Fence Post FP-FG



Fence Posts

FRAME & SIGN

12 gauge
5, 6, 7 and 8 ft. lengths



Post Driver

- Fast, safe way to install fence posts
- Heavy welded steel construction
- 24" long
- Green enamel finish
- Weight = 19 lbs.



TAPES

Barrier Webbing

- A) • Red/Orange strips placed on yellow/black webbing at approx. 18" intervals.

- Tensile strength 200 lbs. per square foot.

0111897 - Barrier Webbing YS-75

- B) • Woven synthetic fabric with stripe.

- Strong, reusable. • 25 rolls per case.

0111811 - Barrier Webbing YB-75 3/4" x 150'

0116861 - Barrier Webbing YB-200 2" x 150'

0111859 - Barrier Webbing RW-60 5/8" x 150'

0111861 - Barrier Webbing RW-75 3/4" x 150'

0111873 - Barrier Webbing RW-200 2" x 150'

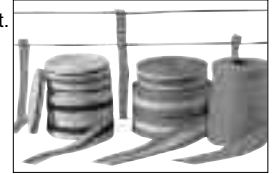
- C) • Red/Orange vinyl coated polyester webbing.

- Fade resistant, reusable. • 25 rolls per case.

0116873 - Barrier Webbing RB-75 3/4" x 150'

2059706 - Barrier Webbing RB-100 1" x 150'

0116859 - Barrier Webbing RB-200 2" x 150'



Barrier Tape

- Poly barricade tape provides warning of temporary safety hazards.
- Economical, strong and disposable.
- Private label with 100 rolls minimum and nominal plate charge.
- Special legends available.

Standard Legends: 3" x 1000' (Yellow) Std. Pkg. 10

0110843 - Caution Caution

0110855 - Caution Construction Area

0110867 - Caution Do Not Enter

0110972 - Fire Line Do Not Enter

0111029 - Police Line Do Not Enter

0110984 - Hazardous Area Keep Out

2088522 Caution Caution (Spanish)

2088535 Caution Do Not Enter (Spanish)

(Red) Std. Pkg. 10

0117360 - Hazardous Area Area Keep Out

0110805 - Danger Do Not Enter

Standard Legends: 3" x 200' (Yellow) Std. Pkg. 12

2088431 - Caution Caution

2088418 - Caution Do Not Enter

2088405 - Caution Construction Area

2088392 - Fire Line Do Not Cross

2088379 - Police Line Do Not Cross

2088366 - Hazardous Area Keep Out

BARRIER TAPE DISPENSERS

2087963 Dispenser Box

2087950 Dispenser Reel



Floor and Aisle Marking Tape

- Designed as a danger warning tape for hazardous areas and equipment.
- Stretchable tape is printed with diagonal stripes.
- Available in 1" x 18 yards or 2" x 18 yards in yellow/black, white/black or red/white.



1" Tape

0117994 - Tape Floor/Aisle F1 -18 Y/B

0118003 - Tape Floor/Aisle F1-1 8 W/B

0117982 - Tape Floor/Aisle F1-18 R/W

2" Tape

0117968 - Tape Floor/Aisle F2-18 Y/B

0111392 - Tape Floor/Aisle F2-18 W/B

0117970 - Tape Floor/Aisle F2-18 R/W

Surveyors Tape

- Rugged polyethylene plastic tape in 1-1/4" by 300 ft. rolls.
- Ideal to mark right of way, boundary lines, and trees.
- Standard package of 12 per carton, 5 pounds per carton.

1-1/4" x 300 Ft. Rolls

0118467 - Green St - 100 GR

0111275 - White St - 100 WH

0111251 - Pink St - 100 PNK

0118455 - Blue St - 100 BL

0118443 - Yellow St - 100 YEL

0118431 - Red St - 100 RED

0118508 - Orange St - 100 OR

0118522 - Blue & White St - 100 S B/W

0111316 - Red & White St - 100 S R/W

0118510 - Orange & White St - 100 S O/W

1-1/4" x 150 Ft. Rolls

0118481 - Dayglow Red St - 100 DG RED

0118534 - Dayglow Orange St - 100 DG OR

0111201 - Dayglow Pink St - 100 DG PNK

0118493 - Dayglow Yellow St - 100 DG YL

0118479 - Dayglow Blue St - 100 DG BL

0111237 - Dayglow Lime St - 100 DG LI



Tapes/Safety Mats

Non-Skid Tape

- Self adhesive backing applies in seconds and adheres to any smooth, clean, dry surface
- High traction surface stands up to heavy pedestrian traffic
- Works indoors or outdoors
- Recommend using contact primer for all permanent applications (1 pint) - #32044

Size (in)	Black	Red	Yellow	Brown
1	32027	32031	32034	32037
2	32028	32032	32035	32038
4	32029	32033	32036	32039
6	32030	N/A	N/A	N/A



SAFETY MATS

Industrial Deck Plate

- Industrial grade, 3/8" black foam base. fused to a vinyl Deck Plate surface.
- Great for fab or machine shops, assembly areas & work benches.
- Beveled edging on all four sides.
- Resistant to most common fluids & chemicals.
- Overall thickness, 9/16".
- Available in 2', 3' & 4' wide goods.



Sizes: 2' x 3', 3' x 5', 3' x 12', 3' x 60'
Colored Boards Available, add "CB" (Colors: Yellow, Red, Green, Orange, Blue)

Workers-Delight™ Industrial Mat

- Industrial grade, Zedlan™ foam fused to Deck Plate & Cushion Step surfaces.
- High-Performance Zedlan™ provides a softer, more resilient foam base when compared to traditional foam backed mats.
- Exclusive fusion technology eliminates the chance of delamination occurring between the top and bottom surfaces.
- Resistant to most common fluids & chemicals.
- 9/16" or 5/8" overall thicknesses.

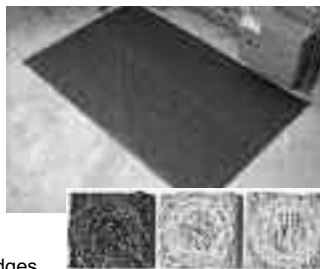


* Superior Anti-Fatigue Relief
* High Performance Zedlan™ Backing

Sizes: 2' x 3', 3' x 5', 3' x 12', 3' x 60'
Deck Plate, Colored Boards & Marbleized Rubber Available

Comfort-King™

- One of a kind anti-fatigue mat. It combines unsurpassed softness, resilience and durability for extraordinary fatigue relief.
- Slip-resistant pebble surface.
- Triple the resilience of vinyl foam mats.
- 3-times more durable than traditional vinyl foam mats.
- 3/8" overall thickness with beveled edges.
- Available in Black, Steel Gray and Royal Blue.



Comfort King™ Pebble Vinyl Sponge Ribbed Vinyl Sponge

Sizes: 2' x 3', 3' x 4', 3' x 5', 3' x 10', 2' x 60', 3' x 60', 4' x 60', 6' x 60'

Safewalk-Light™

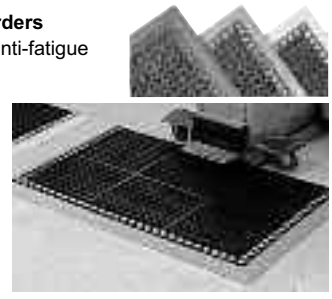
- Flexible, full size anti-fatigue mat features molded beveled edging for added safety.
- Drain through holes allow liquids and solids to pass through preventing build-up.
- Raised rib design promotes safe footing.
- Grease proof or grease resistant.
- 1/2" thick low profile design.
- Available in general purpose-black and grease proof-terra cotta.



Sizes: 3' x 5', 3' x 10', 3' x 15', 3' x 20'

Safewalk™ with Colored Borders

- Heavy-duty industrial grade rubber anti-fatigue mat features colored borders.
- Hygienically designed drain through holes allow liquids to pass through.
- * Bold, bright colored borders on 3 or 4 sides for easy access and identification.
- Raised rib surface promotes safety.
- 7/8" thick for all day comfort.
- Available with yellow, orange, red and green borders.



Sizes: 42" x 22", 42" x 31", 42" x 62", 42" x 120"

Safety-Step™

- Available in general purpose-black & grease proof-terra cotta.
- Modular 3' x 3' mats with open construction.
- Multi-nib back enhances drainage.
- Built in connector strip on one side easily locks on additional mats from any direction.
- Vulcanized rubber anti-fatigue mat with circular drain through holes.
- 3/4" overall thickness.
- Also available in NEW Solid- Top (ST) surface (3' x 3' mat).



Sizes 3' x 3': Con Stp., 3' Bvl Stp., Cnr Pc., 2' Bvl Stp

Tuff-Spun™ Foot-Lover™

- Industrial grade anti-fatigue mat.
- Durable, cushioned vinyl sponge construction resists wear.
- Available in the colors of Brown, Black and Gray, ribbed or pebble surface.
- 3/8" thick for ALL DAY COMFORT
- Also available in poly coated surface.



Sizes: 27" x 36", 27" x 60", 36" x 60"
Rolls: 2' x 60', 3' x 60', 4' x 60', 6' x 60'

*Special cuts also available, call Hanes Supply

Super-Sponge™ Super Foot-Lover™

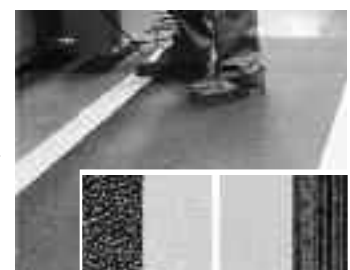
- Heavy-duty ribbed vinyl anti-fatigue matting.
- Colors: Gray, Brown, Blac.
- 100% chemically blown closed cell PVC construction.
- Industrial grade ribbed surface.
- 5/8" thick for comfort and endurance.
- Available in mats or rolls.



Sizes: 2' x 3', 3' x 4', 3' x 5', 2' x 30', 3' x 30', 4' x 30', 6' x 30'

Safe-N-Easy™

- 3/8" thick vinyl foam anti-fatigue matting.
- Increase safety & hazard awareness.
- Choose Ribbed or Pebble surface.
- Black with 4" yellow OSHA safety border.
- Can be polyurethane coated for added durability.



Sizes: 3' x 5', 3' x 10'
Rolls: 3' x 60', 4' x 60'
Poly Coated: 3' x 60', 4' x 60'

Pebble Surface Ribbed Surface

Safety Products

Safety Mats

Cushion-Step™ Rubber Surface

- Attractive, marbled surface anti-fatigue mat.
- 1/2" overall thickness with foam base.
- Provides lasting fatigue relief.
- Beveled edges & rounded corners help mat lay flat.
- Wear resistant rubber surface.
- Constructed for proper leg & back support.

Sizes: 18" x 30" / 18" x 48" / 24" x 36" / 36" x 60" / 3' x 60' (Roll)



Air-Step™

- Modular, molded rubber, anti-fatigue mat with a textured surface.
- Interlocking sections extend mat to runner size. Order as centers, ends or singles.
- Textured surface promotes sure footing.
- Beveled edges on all four sides.
- General Purpose (Black Only).
- 1/2" overall thickness, provides excellent fatigue relief.

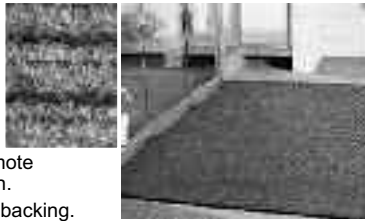
Sizes: 27" x 36" Sgl. / 28" x 36" Ctr. / 28" x 36" End



Needle-Rib™

- Effective combination wiper/scrapper mat.
- High-low groove pattern wipes away dirt and moisture. Maintains long wearability.
- 100% polypropylene fibers promote aggressive shoe cleaning action.
- 3/8" thick with 75 mil solid vinyl backing.
- Available in Blue, Brown, Charcoal, Gray, Green, Red, Tan

Sizes: 2' x 3' / 3' x 4' / 3' x 5' / 3' x 10' / 4' x 8' / 3' x 60' / 4' x 60' / 6' x 60'



Stat-Zap™ Anti-Static & Anti-Fatigue

- Vinyl foam anti-fatigue mat dissipates uncontrolled static discharges.
- Minimizes the hazard of data loss.
- Embossed pebble design is easy to clean & provides superior wear.
- Overall thickness, 3/8".
- Surface Resistivity - 10⁹ ohms per square.
- Available in Brown and Gray.

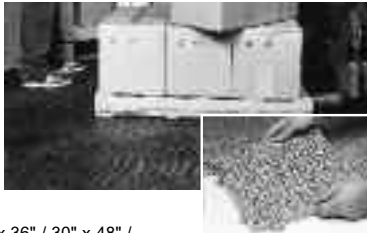
Sizes: 2' x 3' / 3' x 4' / 3' x 5' / 3' x 6' / 3' x 10' / 3' x 60' / 4' x 60' / 6' x 60'



Cushion-Tile™

- 12" x 12" inter-locking tiles.
- "Waffle Grid" design allows for maximum drainage of liquids.
- 3/4" thick for added comfort.
- Choose from black or ten other bright colors.
- Also available in grit top surface.

Pre Assembled Work Stations: 30" x 36" / 30" x 48" / 30" x 60" / 30" x 72" / 30" x 96" / 42" x 72" / 42" x 96" / 42" x 120"



Stat Control

- 9/16" thick smooth vinyl surface dissipates electricity from workers.
 - Smooth vinyl surface cast to a vinyl foam base.
- Call for sizing.



Spark-Safe™

- Specially formulated anti-fatigue mat with a textured rubber top surface laminated to a foam rubber base.
- Textured top surface is highly slip-resistant in wet or dry areas
- Beveled edges on all four sides for added safety
- Overall thickness, 7/16".

Sizes: 2' x 3' / 3' x 5' / 3' x 12'
Custom widths available in 3' wide goods.



Diamond-Deluxe™

- Attractive, embossed diamond pattern made of a durable, vinyl loop construction offers great fatigue relief.
- Choose 3/8" Medium Duty Unbacked (1/2" w/foam backing) for effective dirt removal or 4/7" Heavy-Duty Unbacked (5/8" w/foam backing.) for anti-fatigue applications.
- Excellent resistance against most liquids and chemicals.
- Two-year wear warranty on Medium-duty and three-year wear warranty on Heavy-duty.
- Excellent for applications around wet work areas.
- Heavy Duty available in Red, Blue-Gray & Brown. Medium-duty unbacked NOT available in Red.

Sizes: 3' x 20' / 4' x 20'



Electrically Conductive Deck Plate

- Resilient foam base anti-fatigue mat helps protect equipment from electrical surges.
- Prevents the accumulation of static.
- 9/16" overall thickness.
- 10⁵ ohms surface to surface.
- 10⁵ ohms surface to ground.

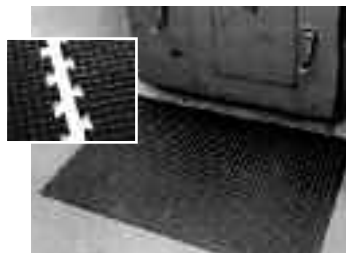
Sizes: 2' x 3' / 3' x 5' / 3' x 12' / 3' x 60'



Yoga-Flex™

- Heavy duty molded rubber, modular anti-fatigue mat with a raised dome surface encourages frequent changes in posture and promotes improved circulation. Resists grease and oils.
- Beveled edging on all four sides.
- Order as centers, ends or singles.
- Available in black only.
- 1/2" overall thickness.

Sizes: 2' x 3' Mat / 12" x 32" Ends / 28" x 32" Centers



Pro-Tekt™

- Tough, solid vinyl runner with a pebble surface offers improved traction, long wearing service, floor protection and excellent chemical resistance at a cost effective price.
- Available in 3/32" or 1/8" overall thicknesses.
- Color - Black

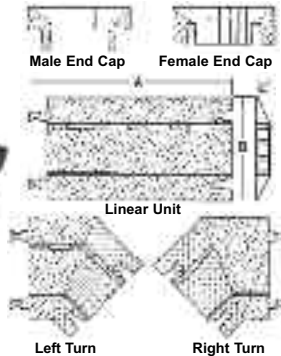
Sizes: 3' x 60' / 4' x 60' / 6' x 60'



Safety Mats/Mirrors

Yellow Jacket® - Portable Custom Cable Protection Where You Need it!

The Yellow Jacket's unique interlocking design can be used for virtually any cable protection application.



Model	Desc.	Length A (in)	Width B (in)	Height C (in)	Wt. (lbs)	Slot Size (in)	# of Slots
31104	Linear	36	19	2	24	1.25	5
31107	End Cap	6	19	2	8	1.25	5
31106	Right Turn	25	19	2	12	1.25	5
31105	Left Turn	25	19	2	12	1.25	5
31100	Linear	36	20	3	32	2.25	3
31103	End Cap	6	20	3	18	2.25	3
31102	Right Turn	25	20	3	22	2.25	3
31101	Left Turn	25	20	3	22	2.25	3

The Hazards and Risks Associated with Cables in High Traffic Areas

Avoiding costly accidents and/or downtime is critical to all businesses. Cables are the conduits of power, telecommunications and fluids. Protecting this important channel and the people in this environment is of paramount importance.

Vehicles can seriously damage cable, and pedestrians can actually crush and ruin fiber optic cables. This damage can result in costly repairs and downtime.

Liability is always a concern. Electrical cables not only present an obvious trip or entanglement hazard, but damaged cables can also present the almost undetectable threat of shock injury or electrocution.

The Yellow Jacket Cable Protection System is Your Solution

The Yellow Jacket Cable Protector provides multiple cable slots in a protected housing. Provided in safety yellow with black trim, Yellow Jacket's modular design makes installation simple and fast. The robust interlocking connectors provide extra stability for the installation.

Available in both three and five channel configurations, cables lay flat and unlinked in their own channel. Optional turn sections and end boots allow you to tailor the installation to your environment. When the job is complete, simply disassemble and store the sections.

Yellow Jacket is manufactured from polyurethane. The system is non-conductive, and resists oils and solvents. No metal parts are used to avoid premature aging of the protectors. Yellow Jacket is designed to stand up to the harsh elements.

The Yellow Jacket System for a Multitude of Application

The Yellow Jacket cable protection system is perfect for any application where cables are in harms way. Eliminating downtime, costly repairs and reducing liability is a significant consideration in all the following environments:

Entertainment:

- Motion Picture/Television Industry
- Amusement Parks/Fairs
- Arenas/Convention Halls/Sporting Events
- Aquariums/Zoos

The entertainment industry often uses temporary power with expensive cables in wet environments and in many cases general public is in the same area. Yellow Jacket protects and eliminates costly downtime.

Institutions/Municipalities:

- Water and Wastewater Plants
- Government Facilities
- Convention Centers/Airports
- Universities and Schools

Institutional and municipalities rely on Yellow Jacket to protect cables for power, fluids, and communications. Reducing the risk of electrocution and protecting the workers is vital in these applications.

Industrial/Construction/Utilities:

- Manufacturing Plants
- Chemical and Petrochemical
- Electric and Gas Utilities
- Construction Sites

Yellow Jacket is being applied in a growing number of industrial applications. Designed to withstand these tough environments, Yellow Jacket is a natural addition to your safety program.

SAFETY & SECURITY MIRRORS

Dome Mirrors

Brossard All-Vu® Acrylic Domes

Use Brossard dome mirrors:

- to prevent accidents at blind corners, intersections, entrances and exits;
- to monitor assembly lines and production machinery;
- as a deterrent to pilferage and vandalism.

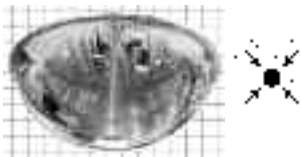
Choose a mirror with the dome configuration and backing material best suited to your application.

Steel-backed mirrors are recommended for outdoor use.



FULL DOME - 360° VIEW

For 4-way intersections or large-area panoramic viewing - ceiling mount



Hardboard Backed Dome

Durable hardboard back; extruded rubber rim; complete with mounting hardware.

Size	Weight	Model
18" dia.	7 lbs.	AV18F
26" dia.	15 lbs.	AV26F
32" dia.	20 lbs.	AV32F*
36" dia.	28 lbs.	AV36F*

Dome Only-No Backing

Furnished with mounting holes drilled in flange.

Size	Weight	Model
18" dia.	5 lbs.	AV18FL
26" dia.	7 lbs.	AV26FL
32" dia.	20 lbs.	AV32FL*
36" dia.	22 lbs.	AV36FL*

Steel Backed Dome

20-gauge galvanized steel back; extruded rubber rim; complete with mounting hardware.

Size	Weight	Model
18" dia.	10 lbs.	AV18FS
26" dia.	18 lbs.	AV26FS
32" dia.	26 lbs.	AV32FS*
36" dia.	32 lbs.	AV36FS*

*Exceeds UPS size limits; Must be shipped common carrier.

HALF DOME - 180°+ VIEW

For 3-way "T" intersections-wall or ceiling mount



Hardboard Backed Dome

Durable hardboard back; extruded rubber rim; complete with mounting hardware.

Size	Weight	Model
18" dia.	4 lbs.	AV18H
26" dia.	7 lbs.	AV26H
32" dia.	15 lbs.	AV32H
36" dia.	20 lbs.	AV36H*

Steel Backed Dome

20-gauge galvanized steel back; extruded rubber rim; complete with mounting hardware.

Size	Weight	Model
18" dia.	6 lbs.	AV18HS
26" dia.	10 lbs.	AV26HS
32" dia.	12 lbs.	AV32HS
36" dia.	16 lbs.	AV36HS

Dome Only-No Backing

Furnished with mounting holes drilled in flange.

Size	Weight	Model
18" dia.	3 lbs.	AV18HL
26" dia.	5 lbs.	AV26HL
32" dia.	13 lbs.	AV32HL
36" dia.	15 lbs.	AV36HL

QUARTER DOME - 90°+ VIEW

For 2-way "L" intersections-corner, wall, or ceiling mount



Hardboard Backed Dome

Durable hardboard back; extruded rubber rim; complete with mounting hardware.

Size	Weight	Model
18" dia.	3 lbs.	AV18Q
26" dia.	6 lbs.	AV26Q
32" dia.	8 lbs.	AV32Q
36" dia.	12 lbs.	AV36Q

Steel Backed Dome

20-gauge galvanized steel back; extruded rubber rim; complete with mounting hardware.

Size	Weight	Model
18" dia.	5 lbs.	AV18QS
26" dia.	8 lbs.	AV26QS
32" dia.	10 lbs.	AV32QS
36" dia.	14 lbs.	AV36QS

Dome Only-No Backing

Furnished with mounting holes drilled in flange.

Size	Weight	Model
18" dia.	3 lbs.	AV18QL
26" dia.	4 lbs.	AV26QL
32" dia.	6 lbs.	AV32QL
36" dia.	8 lbs.	AV36QL

Safety Products

Mirrors

Convex Mirrors

Brossard Klear-Vu® Acrylic or Glass-Circular Mirror

- 160-degree plus viewing angle.
- For indoor or outdoor use.
- Equipped with adjustable swivel and mounting bracket for infinite adjustment.
- Recommended mounting height: 8 to 10 feet.
- Choose a mirror with the lens and backing materials best suited to your application.



For general wide angle viewing

HARDBOARD BACKED

Weatherproof painted hardboard backing with heavy extruded rubber rims.

Acrylic Mirror

Size	Weight	Model
8" dia.	3 lbs.	P-080
12" dia.	4 lbs.	P-120
18" dia.	7 lbs.	P-180
26" dia.	13 lbs.	P-260
30" dia.	16 lbs.	P-300
36" dia.	22 lbs.	P-360

Glass Mirror

Size	Weight	Model
8" dia.	2 lbs.	080
12" dia.	4 lbs.	120
18" dia.	9 lbs.	180
26" dia.	15 lbs.	260
30" dia.	21 lbs.	300
36" dia.	28 lbs.	360

STEEL BACKED

Heavy-duty, 20-gauge, baked enamel-spun steel back, sealed with a rubber gasket.

Acrylic Mirror

Size	Weight	Model
8" dia.	3 lbs.	P-080MR
12" dia.	4 lbs.	P-120MR
18" dia.	9 lbs.	P-180MR
26" dia.	17 lbs.	P-260MR
30" dia.	21 lbs.	P-300MR
36" dia.	28 lbs.	P-360MR

Glass Mirror

Size	Weight	Model
5" dia.	2 lbs.	050MR
8" dia.	3 lbs.	080MR
12" dia.	5 lbs.	120MR
18" dia.	10 lbs.	180MR
26" dia.	16 lbs.	260MR
30" dia.	22 lbs.	300MR
36" dia.	29 lbs.	360MR*

*Exceeds UPS size limits; Must be shipped common carrier.

STAINLESS STEEL BACKED

Heavy-duty 20-gauge 304 spun stainless steel back, sealed with durable rubber gasket.

Acrylic Mirror

Size	Weight	Model
12" dia.	5 lbs.	P-120SS
18" dia.	8 lbs.	P-180SS
26" dia.	17 lbs.	P-260SS

Glass Mirror

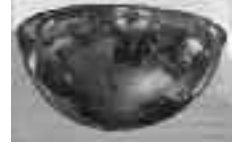
Size	Weight	Model
12" dia.	5 lbs.	120SS
18" dia.	9 lbs.	180SS
26" dia.	17 lbs.	260SS

Mirrors

Industrial Full & Half Dome Mirrors

- Made of durable shatterproof acrylic in 1/8" thickness.
- Eliminates blind spots and provides complete viewing from every conceivable angle.
- Brilliant vacuum coated reflection insures clarity.
- Hanging wires are supplied on the full dome for suspension from the ceiling. Half dome mirrors are provided with holes on the lip for easy installation with screws (screws not included).

- 2095074 - 18" Acrylic Full Dome Mirror
- 2095087 - 26" Acrylic Full Dome Mirror
- 2095100 - 32" Acrylic Full Dome Mirror
- 2095113 - 18" Acrylic Half Dome Mirror
- 2095126 - 26" Acrylic Half Dome Mirror
- 2095139 - 32" Acrylic Half Dome Mirror



Convex Acrylic Mirrors

- Provides wide angle vision of areas that require frequent monitoring including blind corners, entrances and production areas.

- Acrylic mirrors weigh less than glass and are unbreakable under normal use.
- Comes with mounting brackets and instructions.

- Indoor use only,
- 2095035 - 13" Convex Acrylic Indoor Mirror
- 2095048 - 18" convex Acrylic Indoor Mirror
- 2095061 - 26" convex Acrylic Indoor Mirror



Flat Mirrors

Brossard Klear-Vu® Framed-Acrylic, Glass or Stainless Steel

- True one-to-one, non-diminishing reflection.
- Equipped with adjustable swivel and mounting bracket.
- For indoor or outdoor use.
- Galvanized steel backs and stainless steel frames.
- Flush-mount option available; consult factory.

Acrylic Mirror

Lightweight models provide high quality image with shatterproof lens.

Size*	Weight	Model
12" x 12"	6 lbs.	P-1212MR
12" x 16"	7 lbs.	P-1216MR
16" x 24"	14 lbs.	P-1624MR

*Additional sizes available; please call.

Glass Mirror

Plate glass lens provides the highest quality reflection.

Size*	Weight	Model
9" x 18"	8 lbs.	918MR
16" x 24"	18 lbs.	1624MR
24" x 36"	37 lbs.	2436MR

Stainless Steel Mirror

Unbreakable lens ideal for harsh environments and heavy-duty applications.

Size*	Weight	Model
12" x 12"	7 lbs.	M-1212MR
12" x 16"	8 lbs.	M-1216MR
16" x 24"	18 lbs.	M-1624MR

For fixed-subject viewing



17

Safety Products

Brossard Econo-Lite® Acrylic-Round or Rectangular Lens

- 160° plus actual viewing angle.
- Lens only with adjustable swivel and mounting bracket for infinite adjustment.
- For indoor use only.
- Recommended mounting height: 8 to 10 feet.
- Choose a round or rectangular mirror to meet your application requirements.



For general wide angle viewing

Round Lens

Size	Weight	Model
12" dia.	3 lbs.	R12
18" dia.	5 lbs.	R18
26" dia.	7 lbs.	R26
30" dia.	9 lbs.	R30
36" dia.	12 lbs.	R36

Rectangular Lens

Size	Weight	Model
12"x 18"	5 lbs.	R1218
18"x 26"	7 lbs.	R1826
20"x 30"	9 lbs.	R2030
24"x 36"	12 lbs.	R2436

Fork Lift Mirror

Brossard Klear-Vu® Fork Lift Mirror

- 180-degree plus wide-angle viewing.
- Highly polished, chrome plated, die-cast mirror.
- Durable construction-virtually unbreakable.
- Equipped with universal mounting bracket for infinite adjustment.



For wide-angle rear viewing

Size	Weight	Model
2-1/2" x 7"	1 lb.	M-70

Locks

MASTER LOCK®

High Security Pin Tumbler Locks Padlocks - Heavy Duty Applications

Features include large diameter hardened steel shackles to resist cutting & sawing with dual locking mechanisms to guard against pulling, shimmying and rapping. Heavy duty laminated steel cases resist tampering and stand up to severe physical attack. Special, shielded shackle & stainless steel case of Model 40 provide added protection against bolt cutter attacks. Each padlock is plated to resist rust & corrosion & is ideal to protect valuable property. These models feature pin tumbler cylinders which utilize a series of matched pins & keys to open the lock mechanism. Pin tumbler cylinders provide pick resistance & offer thousands of different key codes.

Typical applications: Perimeter gates, storefront gates, construction equipment, vending equipment, railroad switches, mini storage lockers, truck doors, & other areas where high physical security is required.

Optional Shackle Length Designations

LF	1-1/2" Shackle
LH	2" Shackle
LJ	2-1/2" Shackle
LN	5-3/4" Shackle



No. 15



No. 40

Padlock No.	Body Width (in)	Shackle Dia. (in)	Std. Shackle Lgth. (in)	Opt. Shackle Lgth. (in)	Horz. Shackle Clearance (in)
17	2	7/16	1	2	3/4
15	2-1/2	7/16	1	2	1-3/16
19	3	17/32	1-1/2	-	1-15/32
81	1-3/4	5/16	15/16	2-1/2	3/4
1	1-3/4	5/16	15/16	1-1/2, 2-1/2, 5-3/4	3/4
5	2	3/8	1	1-1/2, 2-1/2	15/16
40	2-3/4	3/8	3/4	-	3/4

Note: Most padlocks available in extra length shackle. Call for details

Multi-Purpose Pin Tumbler Locks

Padlocks - Medium Duty Applications

This collection of 4-pin tumbler locks offers dual locking hardened steel shackles & tough laminated steel bodies which stand up to physical abuse for dependable protection against theft. The No. 11 lock has a key retaining feature to help ensure your valuables are not left unlocked. The No. 7 lock offers single locking standard steel shackle for general security. All models are plated to resist rust & corrosion. The thermoplastic cover of the No. 3COV provides added protection for use in harsh outdoor conditions.

Typical applications: Outdoor & indoor storage cabinets, tool boxes, sheds, gates



No. 3
No. 3LF
No. 3LH

Optional Shackle Length Designations

LF	1-1/2" Shackle
LH	2" Shackle
LJ	2-1/2" Shackle
LN	5-3/4" Shackle

Padlock No.	Body Width (in)	Shackle Dia. (in)	Std. Shackle Lgth. (in)	Opt. Shackle Lgth. (in)	Horz. Shackle Clearance (in)
7	1-1/8	3/16	9/16	1-1/2, 2-1/2	1/2
11	1-1/2	9/32	3/4	1-1/2, 2	5/8
3	1-1/2	9/32	3/4	1-1/2, 2	5/8
3COV*	1-1/2	9/32	3/4	-	5/8

* With thermoplastic cover

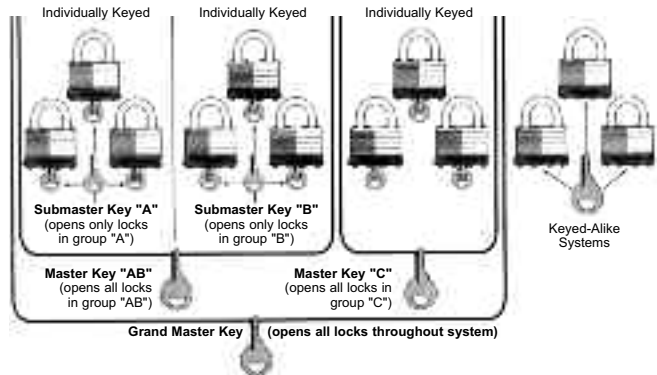
Keying Systems

Master Lock provides a variety of special keying system options.

- Keyed Alike Systems - All locks in key-alike system use identical keys. One key opens all the locks in the system. The keyed-alike option is available for most Master Lock padlocks.
- Master Keyed Systems - A master key opens all the locks in the system, even though each lock has its own individual key. Permits organizing submaster, master & grandmaster systems along departmental or other functional lines.

- continues -

Keying Systems (continued)



Safety Lockout Systems & Accessories

Prevents accidental start-up of individual equipment that is shut down for servicing & maintenance. Complies with OSHA Rule (1910.147) for Safety Lockout. Lockout systems guard against injury caused by accidental machine start up by locking out the control switch or valve until all service persons have removed their locks. Up to six workers can place their locks on the tamper resistant No. 420 or No. 421 steel lockout hasp.

A variety of color-coded padlocks are available for quick identification of trade or department. Optional brass tags can be attached to locks to identify specific employees by name or number. Padlocks include a variety of sizes & shackle lengths to fit most applications.



Padlock No.	Body Width (in)	Shackle Dia. (in)	Std. Shackle Lgth. (in)	Opt. Shackle Lgth. (in)	Horz. Shackle Clearance (in)	Locking Mechanism
31	1-1/2	9/32	3/4	1-1/2	5/8	5-Pin
3	1-1/2	9/32	3/4	1-1/2, 2	5/8	4-Pin
81	1-3/4	5/16	15/16	2-1/2	3/4	5-Pin
21	1-3/4	5/16	15/16	1-1/2, 2-1/2	3/4	5-Pin

Note: For installations requiring added security against possible key duplication, padlock Nos. 31, 81 & 21 with 5-pin cylinders are recommended.

Lockout Hasps	No. 420	No. 421
Holds up to 6 padlocks	1" dia. jaws	1-1/2" dia. jaws

Tags & Collars*	No. 71 (Tag)	No. 71 SC7	No. 71 SC8	No. 71 SC9	No. 71 SC10	No. 71 SC12	No. 71 SC14	No. 71 SC17
Fits Padlock Models	All	7, 8, 105	22	3, 4, 500, 1500	1, 2, 21, 81, 82, 175, 2001	5, 6, 25	15, 17, 27, 29, 220, 230	19

Chain Attachments* (not shown)	No. 71CS	No. 71CH	No. 71SHKS
Anchors padlocks to immovable objects to prevent locks from being lost or stolen	9" lightweight chain for use w/collars listed above	9" heavy duty chain for use with collars listed above except No. 71SC7	9" lightweight chain for use with No. 420 & 421 lockout hasps

Note: No. 271 Chain, Collar & Tag Assortment Kit also available.

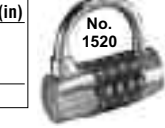
Combination Locks

Combination locks offer keyless convenience. Dials or wheels are rotated to a set combination of numbers to open the lock. No. 175 & No. 1520 feature set-your-own combinations for easy recall. No. 175 & No. 2001 provide high security to resist vandalism & physical attack.

Typical applications: School & employee lockers, storage lockers, sport bags, & other commercial & recreational uses.

Padlock No.	Body Width (in)	Shackle Dia. (in)	Std. Shackle Lgth. (in)	Opt. Shackle Lgth. (in)	Horz. Shackle Clearance (in)
1500	1-7/8	9/32	3/4	2	13/16
175	2	5/16	1	2-1/4	1
2001	2-3/16	5/16	1	-	15/16
1520	2-5/16	9/32	3/4	-	1-1/4

Optional color dials available for series Nos. 1500 & 1520



Safety Products

Locks/Lockouts

Hasps & Accessories

Padlock Eyes - No. 60 & No. 60R padlock eyes are used to secure doors, gates, control boxes or machinery where hasps are not practical. Strong 1/8" rust resistant steel. Boxed complete with mounting screws.

Hasps - Heavy, hard-wrought steel construction for use with Master padlocks. Casehardened steel locking eye. High security pinless hinge. Fully enclosed mounting screws. Available in a variety of sizes.

Hasplocks - Hasps with built-in padlocks. For left or right opening doors. Ideal for sheds, garages, warehouses, cabins and others. No. 475 provides pin tumbler mechanism for high security & No.450 offers warded mechanism for general security.

Weather Guard Covers & Gaskets - Durable cover protects padlocks against dust, dirt & other contaminants to help prevent jamming



Hasp Locks	Lock Mechanism	Hasp Length (in)	Lock Body Width (in)
No. 450	Warded	4-1/2	1-3/4
No. 475	4-pin tumbler	4-1/2	1-3/4
Hasps	Material	Hasp Length (in)	Accepts Shackle Dia. up to (in)
No. 702	Hard wrought steel	2-1/2	9/32
No. 703	Hard wrought steel	3-1/2	11/32
No. 704	Hard wrought steel	4-1/2	1/2
No. 706	Case hardened steel	6	9/16
Padlock Eyes	Material	Desc.	Accepts Shackle Dia. up to (in)
No. 60	Hard wrought steel	Flat	1/2
No. 60R	Hard wrought steel	Right angle	1/2
Weather Guard Covers & Gaskets	Body Size Covered (in)	Gasket Dia. (in)	
No. 401	1-3/4	5/16	
No. 403	1-1/2	9/32	
No. 405	2	3/8, 7/16	

LOCKOUTS/TAGOUTS

Safety Lockout Hasps

The Totally Dielectric Lockout!
Inexpensive • Versatile • Dielectric

MS01 - Heavy Duty Nylon Lockout Hasp features:

- Bright orange color for Hi-Visibility.
- Unbreakable.
- Heat & Cold resistant.
- Highly Flexible.

MS01 shown



Metal Lockout Hasps (Four models available)

MS86 - With 1" dia. jaw opening, 4-3/8" length, Single scissor type, Rubber dipped handle, Accommodates six padlocks, Individually packed, 144/case, Made of tempered steel.

666RD - Dual opening, 1-3/4" dia. and 3/4" dia., Dual scissor type 5-1/4" length, Entirely dipped in rubber (red), Accommodates six padlocks, Individually packed, 144/case. Made of tempered steel.

R60ML - With 1" dia. jaw opening, 4-3/8" length, Single scissor type, Red painted handle, Accommodates six padlocks, Bulk pack 144/case. Made of light duty steel.

666 - Dual opening, 1-3/4" dia. & 3/4" dia., Dual scissor type 5-1/4" length, Plated steel to resist rust (clear), Accommodates six padlocks, Bulk pack 144/case. Made of light duty steel.

NOTE: All of these Lockout Hasps will accept six padlocks up to 3/8" diameter shackles with six lockout tags.

Valve Lockouts

Lock & Protect your Valves Safely, Efficiently & Inexpensively

The V-SAFE valve cover consists of two flattened half moons that completely cover the valve wheel.

- Made of strong "Polypro" plastic.
- Fully dielectric.
- Highly resistant to cracking and abrasion.
- Resistant to extreme temperature changes (-50° F to 360° F)

5 different sizes to cover valve handles from 1" to 14" diameter

Color Choices (Colors recommended by ANSI)

- RED - Fire quenching materials. Ex.: (Halon)
- YELLOW - Materials inherently hazardous. Ex.: (Propane gas)
- BLUE - Cases of inherently low hazard. Ex.: (Argon)
- GREEN - Liquids of inherently low hazard. Ex.: (Mill Water)

Model No.	Inside Dia. (in)	Inside Ht. (in)	Outside Dia. (in)	Outside Ht. (in)	Lock Hole (in)	Valve Hdle Size (in)
VS-02	2-3/4	1-1/4	3	1-1/2	5/16	1 - 2-1/2
VS-04	5	1-1/4	5-1/2	1-3/4	3/8	2-1/2 - 5
VS-06	6-1/2	1-1/2	7	2	3/8	5 - 6-1/2
VS-09	10	2	10-1/2	2-1/2	3/8	6-1/2 - 10
VS-13	14	2-1/2	14-1/2	3	3/8	10 - 14

DRILL POINT: If needed, cut the recessed section with a knife to let the valve stem through into the open position.



Ball Valve Lockouts

3 different sizes to lock your Ball Valves.

Safely • Efficiently • Inexpensively

- Made of strong Polypro plastic.
- Fully dielectric.
- Highly resistant to solvents and other chemical products.
- Highly resistant to cracking and abrasion.
- Resistant to extreme temperature changes (-50° F to 360° F)
- Colors: Red, Yellow, Blue & Green

BS01 - Valves from 3/8" to 1-1/4"

BS02 - Valves from 1-1/2" to 2-1/2"

BS03 - Valves from 2" to 8"

Model No.	Width (in)	Ht. (in)	Length of Handle (in)	Lock Hole (in)
BS01	3.10	3.25	5.375 to 7.5	.312
BS02	3.75	5.0	7.5 to 10.0	.312
BS03	4.0	7.45	12.0 to 17.5	.312

Note: Only the BS01 can lock in the open position.



Butterfly Valve Lockouts

Universal Lockouts for Butterfly Valves

- Made of strong Polypro plastic.
- Fully dielectric.
- Highly resistant to solvent and other chemical products.
- Highly resistant to cracking and abrasion.
- Resistant to extreme temperature changes (-50° F to 360° F)
- Colors: Red, Yellow, Blue & Green

Model No.	Length (in)	Ht. (in)	Width (in)	Lock (in)
BS-04	12	2.75	4.0	.375



Lockout/Tagouts

Circuit Breaker Lockouts

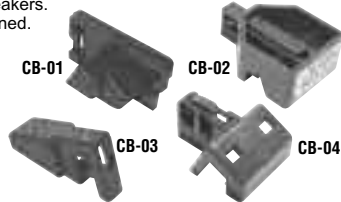
Constructed of rigid plastic, the new C-SAFE circuit breaker lockouts are now available for either single or double pole circuit breaker lockout applications.

CB-01 - A single pole lockout, CB-01 requires a switch breaker with a recessed hole in it.

CB-02 - The CB-02, is a double pole lockout and requires the breakers to be connected with a cross bar for lockout application.

CB-03 - A single pole lockout, CB-03 does not require a switch breaker with a recessed hole in it.

CB-04 - Our double pole circuit breaker lockout CB-04 will fit most major brands of electrical circuit breakers. If this lockout does not fit, it may be returned.



Model No.	Length (in)	Ht. (in)	Width (in)	Lock Hole (in)
CB-01	2.30	.85	1.1	.3
CB-02	2.625	1.875	1.0	.3
CB-03	2.3	.75	1.0	.34
CB-04	2.375	1.0	1.865	.375

Electrical Switch Lockout

E-SAFE "LOCK-A-SWITCH" This easy to install device can be used with most mounted switches. It can be used to lock the switch in either the on or off position. (Install using existing screws). Standard package: 6 devices.



Model No.	Ht. (in)	Width Close (in)	Width Open (in)
ES01	3.0	1.625	3.0

Electrical Plug Lockout

The E-SAFE "LOCK-A-PLUG" completely encloses the plug from any accidental reconnection. The electrical cable is inserted through the opening and then closed. The single entry (LP110) or multiple entry (LP550) locking system avoids usage by unauthorized personnel during critical times. The E-SAFE is a practical and positive protection system. Made out of "Polypro" plastic, it is totally dielectric, resists cold or hot temperatures up to 300°F, has a sliding closure and an integrated multiple lockout.



LP110 - Will accept 110 volts and certain models of the 220 volt plug up to 1-3/4" x 1-3/4" x 3-3/4" in size with a maximum cable diameter of 0.500".

LP550 - Will accept 220 volts and 550 volt plugs up to 3" x 3" x 6-3/4" in size with a maximum cable diameter of 1.0".

Model No.	Inside Length (in)	Inside Ht. (in)	Inside Width (in)	Cable Hole (in)	Lock Hole (in)
LP110	3.25	1.75	1.75	.50	.312
LP550	6.75	3.0	3.0	1.0	.375

Lock Labels

Self-laminating padlock labels are an easy way to identify employee's locks. These labels are made of aluminum foil with permanent pressure-sensitive adhesive backing. Write on decals with ballpoint pen or typewriter.



Available in: Red, Green, Blue, Yellow or White.

LKA-142 - 3/4" x 5"/Standard package 50, specify color.

Self-Sticking Vinyl Std. package 10

LKA-122 - 2-1/4 x 4-1/2" - "LOCKOUT FOR SAFETY"

LKA-124 - 2-1/4 x 4-1/2" - "LOCKOUT HERE"

LKA-126 - 2-1/4 x 4-1/2" - "REMOVE ALL DOUBT LOCK IT OUT"

LKA-128 - 2-1/4 x 4-1/2" - "THIS DISCONNECT CONTROLS POWER TO:"

LKA-130 - 2-1/4 x 4-1/2" - "LOCKOUT BEFORE SERVICING"

LKA-132 - 3-1/2" x 5" & 5" x 7" - "CAUTION - THIS DISCONNECT CONTROLS POWER TO:"



Lockout Tags

All lockout tags are 3" x 5-3/4" in size and made of rugged stain and mildew resistant 20 mil. styrene. The textured surface allows you to write all important information. These tags are sold in packs of 5 or 25 identical tags with necessary fasteners. Also available with grommets for greater strength.

NOTE: All lockout tags are striped red for easier identification.

Many more tags are available than what can be shown here, as well as Photo, Self Laminated & Custom Tags. Call Hanes Supply for more information.



Lockout/Tagout Centers

A-SAFE offers convenient and high visibility lockout/tagout centers that make your Locks, Tags, Lockout hasps and Lockout devices (V-SAFE, B-SAFE, C-SAFE and E-SAFE) easy to find and use.

These Lockout/Tagout centers are built for the toughest conditions.

They are made of double molded polystyrene with plastic or metal hanging hooks for locks and lockout hasps.

LS-E 102 - Large Lockout Centers 24" x 35" (Panel only)

LS-E 102 F - Large Lockout Centers 24" x 35" (Panel complete with fill)

LS-E 106 - Departmental Lockout Station 21" x 29" (Station only)

LS-E 106 F - Departmental Lockout Station 21" x 29" (Station with fill)

Qty.	Contents of LS-E 102 F
1 ea.	LS-E 102 Lockout Panel
2 ea.	VS-02 V-SAFE lockout 2"
1 ea.	VS-04 V-SAFE lockout 4"
1 ea.	VS-06 V-SAFE lockout 6"
1 ea.	VS-09 V-SAFE lockout 9"
1 ea.	BS-01 B-SAFE lockout
1 ea.	BS-02 B-SAFE lockout
2 ea.	LP-110 E-SAFE lockout 110-220 volts.
1 ea.	LP-550 E-SAFE lockout 220-550 volts.
2 ea.	MS-86 M-SAFE metal hasp
6 ea.	MS-01 M-SAFE nylon hasp
1 ea.	ELA-290 DO NOT OPERATE TAGS/25
1 ea.	ELA-250 DO NOT START TAGS/25
1 ea.	ELA-255 DO NOT OPEN TAGS/25
2 ea.	3-D Master lock
2 ea.	3-DLF Master lock

Contents of LS-E106F

- 20 ea. 3D Master locks (Blue bumper padlock).
- 4 pk. ELA-290 DO NOT OPERATE TAGS (Pack /25).
- 6 R60 ML 1" Safety Lockout Hasps.



LS-E 106 F



LS-E 102 F



NOTES

Lined area for notes.