

MCR™ ForceFlex™

ForceFlex™ technology incorporates a patented, multi-injection molding of the lens with a flexible Thermo Plastic Urethane (TPU) frame. Due to this construction, it can achieve a military ballistic level impact resistance at over 1000 feet per second. The TPU material allows the frame to flex and fit individual faces from large to small. All ForceFlex styles meet military VO test regimen for high velocity impact protection.



Features

- Bayonet temple
- Universal nose bridge
- Lifetime frame warranty
- Filters out 99.9% of UV rays
- Meets or exceeds ANSI Z87.1+Standard

Ordering Information

Part No.	Description
FF120	Black frame, clear lens
FF122	Black frame, gray lens
FF124	Black frame, amber lens

UVEX Genesis®

Features

- Soft browguard serves as a “shock absorber” to diffuse and deflect impact energy
- A unique ventilation channel between the frame and lens vents the eye socket area to deliver an outstanding level of moisture and fog control
- Molded-in nose bridge provides uncompromised comfort and fit
- Nose bridge has soft comfortable “fingers” that adjust and conform to normal, slim or wide nose bridges for a non-slip, snug yet comfortable fit
- Three position ratchet lens inclination system adjusts to complete the fitting system and provides unsurpassed extended wear comfort



Ordering Information: Std. Pkg - 10/Box

Part No.	Description
S3200	Black frame, clear / ultradura lens
S3200X	Black frame, clear / anti-fog XTR lens
S3201	Black frame, espresso / ultradura lens
S3201X	Black frame, espresso / anti-fog XTR lens
S3203	Black frame, gold mirror / ultradura lens
S3204	Black frame, SCT-Reflect 50 / indoor outdoor lens

Replacement Lens

Ordering Information: Std. Pkg - 10/Box

Part No.	Description
S6900	Clear, ultradura
S6900X	Clear, anti-fog XTR
S6901	Espresso, ultradura
S6901X	Espresso, anti-fog XTR
S6903	Gold mirror, ultradura
S6904	SCT-reflect 50

Howard Leight MAX® Preshaped Foam Earplugs

MAX® offers user comfort not found in other preshaped foam earplugs, as well as the highest NRR rating available.

Max® Single-Use Earplugs

Firefighters who need to block out loud noise demand the best protection and comfort available in an earplug. That's where MAX comes in. The world's most-used polyurethane earplug, MAX offers superior noise-blocking performance in a single-use earplug. MAX's new enhanced contoured shape is easier to insert and resists backing out of the ear canal, while its softer foam delivers superior long-wearing comfort-delivering solid performance that you can depend on.



Ordering Information

Part No.	Description	Std. Case Qty.	NRR
MAX-1	Without cord packed in individual poly bags	2,000 Pair (200 pair per box)	33dB
MAX-30	With poly cord packed in individual poly bags	1,000 Pair (100 pair per box)	33dB

E-A-R® Classic® Plugs

- One size
- Easy to use
- Comfortable
- Non-irritating
- Washable
- High user acceptance

E-A-R® Plugs, the original foam earplug, are the leading selling and most widely accepted form of hearing protection in the world. Their exclusive energy-absorbing foam not only helps make the Plugs comfortable, but extremely effective as well. The unique foam gradually expands and conforms to the size and shape of virtually any ear canal. The result is a true custom-fit seal against harmful noise.



No. 310-1001

Ordering Information

Part No.	Description
310-1001	Classic® earplug, without cord, packaged 1 pair per pillow pack, 200 pr/box, (NRR 29dB)
311-1101	Classic® earplug, corded, packaged 1 pair per poly bag, 200 pr/box, (NRR 29dB)



No. 311-1101

E-A-R® Muff Type Protectors

Model 3000

NRR 26dB (worn behind-the-head and under-the chin)

NRR 25dB (worn over-the-head)

The Model 3000 is an excellent attenuating earmuff and should be used when maximum protection is required. It can be worn over-the-head, under-the-chin or behind-the-head. The crown strap is included with the Model 3000 muff and should be worn when the muff is used behind-the-head or under-the-chin.

Ordering Information

Part No.	Description
330-3002	E-A-R® Model 3000 earmuff



3M™ Particulate Respirator - 8210, N95



3M™ 8210 is designed to help provide comfortable, reliable protection against certain non-oil based particles. Its lightweight construction helps promote greater acceptance and comfort and increased wear time. Workplace applications include grinding, sanding, sweeping, bagging and other dusty applications.

- Meets NIOSH 42 CFR 84 N95 requirements
- Advanced electret media
- 20 ea/bx

3M™ Particulate Respirator - 8247, N95 with Nuisance Level Organic Vapor Relief



3M™ 8247 is designed to help provide comfortable protection against certain oil and non-oil based particles including those present with nuisance levels* of organic vapors, such as solvents, degreasers, and resins.

- Meets NIOSH 42 CFR 84 N95 requirements
- Advanced electret media
- Odor-Removing Filter Material
- 20 ea/bx

3M™ HALF AND FULL FACEPIECE RESPIRATORS 6000 SERIES

These facepieces are used with 3M™ Filters 2000 Series, 3M™ Filter 7093 P100, 3M™ Cartridges 6000 Series, or 3M™ Dual Airline Systems against a variety of gases, vapors, and particulate hazards according to NIOSH.

3M™ Half Facepiece Respirators 6000 Series

6100 (small), 6200 (medium), 6300 (large)



Ordering Information

Part No.	Description
6100	Size: small
6200	Size: medium
6300	Size: large

3M™ Full Facepiece Respirators 6000 Series

6700 (small), 6800 (medium), 6900 (large)



Ordering Information

Part No.	Description
6700	Size: small
6800	Size: medium
6900	Size: large

All 3M™ products shown in this catalog must be used in accordance with the user instructions, warnings and limitations accompanying each product.



3M™ Cartridge/Filter 60921, Organic/Vapor/P100

NIOSH approved against certain organic vapors and particulates.

Ordering Information

Part No. Packaging

60921 60 cartridges/case, 2 per/pkg



3M™ Cartridge/Filter 60922, Acid Gas/P100

NIOSH approved against certain acid gases and particulates. Helps provide respiratory protection from chlorine, hydrogen chloride, sulfur dioxide, or chlorine dioxide or hydrogen sulfide (escape only).

Ordering Information

Part No. Packaging

60922 60 cartridges/case, 2 per/pkg



3M™ Cartridge/Filter 60923, Organic Vapor/Acid Gas/P100

NIOSH approved against certain organic vapors, acid gases and particulates. Helps provide respiratory protection from chlorine, hydrogen chloride, sulfur dioxide, or chlorine dioxide or hydrogen sulfide (escape only).

Ordering Information

Part No. Packaging

60923 60 cartridges/case, 2 per/pkg



3M™ Cartridge/Filter 60924, Ammonia/Methylamine/P100

NIOSH approved against ammonia, methylamine and certain particulates.

Ordering Information

Part No. Packaging

60924 60 cartridges/case, 2 per/pkg



3M™ Cartridge/Filter 60925 Formaldehyde/Organic Vapor/P100**

NIOSH approved against formaldehyde**, certain organic vapors and particulates.

Ordering Information

Part No. Packaging

60925 60 cartridges/case, 2 per/pkg



3M™ Cartridge/Filter 60926, Multi Gas/Vapor/P100

NIOSH approved against certain organic vapors, acid gases and particulates. Helps provide respiratory protection from chlorine, hydrogen chloride, sulfur dioxide, or chlorine dioxide or hydrogen sulfide (escape only), ammonia, methylamine, formaldehyde** or hydrogen fluoride.

Ordering Information

Part No. Packaging

60926 60 cartridges/case, 2 per/pkg



3M™ Cartridge/Filter 60929, Mercury Vapor/Chlorine Gas/P100

NIOSH approved against mercury gas, or chlorine gas and certain particulates.

Ordering Information

Part No. Packaging

60929 60 cartridges/case, 2 per/pkg

**OSHA regulations require that gas-proof goggles be worn with half facepiece respirators when used against formaldehyde.

All 3M™ products shown in this catalog must be used in accordance with the user instructions, warnings and limitations accompanying each product.

PIP Unlined Grain Leather

Ordering Information

Part No.	Description
06-22163	Grain driver, keystone thumb, shirred elastic, wrist sizes: XS, S, M, L, XL, XXL, XXXL



No. 06-22163

String Knits

MCR Dotted String Knits

Ordering Information

Part No.	Description
06-20105B-M	Domestic cotton/polyester blend, regular weight, 7 gauge, black PVC dots both sides, men's size: large
9366-L	100% Kevlar®, 7 gauge knit, black PVC dots both sides, size: large (not shown)



No. 06-20105B-M

MCR Flex Tuff™ Kevlar®

Ordering Information

Part No.	Description
9687	10-gauge Kevlar® shell with textured blue latex coating on palm and fingertips, sizes: S, M, L, XL



No. 9687

North Butyl

This glove provides a flexible and sensitive fit for great worker comfort. Butyl has the highest permeation resistance to gas or water vapors of any glove compound available today. A good choice for protection against ketones, acetone and esters.



Ordering Information

Part No.	Description	Length	Size
B-174*	17 mil	14"	8,9,10,11
B-324*	32 mil	14"	8,9,10,11

*Add suffix "R" for rough "Grip-Saf" finish. (Example: B-131-R)

North Viton®

VITON® exhibits a high degree of impermeability in handling chlorinated and aromatic solvents and can be used in or around water and water-based solutions. Provides worker protection when handling these substances which tend to be toxic.



Ordering Information

Part No.	Description	Length	Size
F124	12 mil	14"	8,9,10,11

North Silver Shield® / 4H® Gloves

Highly resistant to solvents, acids and bases commonly used in industrial operations. An excellent choice for spill cleanups and Hazmat control operations.



Ordering Information

Part No.	Description	Size
SSG	14-1/2" - 16" Length, 50 pair/case	6,7,8,9,10,11

Best® Neoprene Coated

This recyclable glove is multi-dipped in premium-grade neoprene for superior quality and durability and provides protection against acids, caustics, oils, gases and many solvents. It provides excellent all-around protection against physical hazards such as abrasion and cut. Heavyweight styles have a five-piece flannel liner. Rough-finished styles are for applications where a good wet grip is required.



Ordering Information

Part No.	Description
6784R	Heavyweight 14" gauntlet
6797R	Heavyweight elbow-length gauntlet

No. 87012 16" Green Hazmax® Steel Toe Boot

Features

- Meets and surpasses NFPA 1991, 2005 edition for chemical permeation resistance requirements and flammability resistance tests.
- Exceeds CSA Z195 standards for dielectric footwear
- Steel toe complies with ASTM F2413-05 and CSA Z195
- Full steel mid-sole
- Steel shank
- Replaceable cushioned insoles
- Cut off bands
- Kick off lug
- Yellow Ultragrip® sipe sole



No. 87012

No. 87012 Certified by S.E.I. to Meet the Requirements of NFPA 1991 Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies, 2005 Edition, and Additional Requirements for Chemical and Biological Agents.

No. 87050 17" Green Strapper Over-Boot

Features

- Fits over most work shoes and boots
- Adjustable polyester strap
- Yellow self cleaning cleated sole

Ordering Information

Part No. Description

- 87012 Hazmax® 16" steel toe boot, sizes: 6-15
 87050 17" strapper over-boot, (order by shoe size: 7-15)

No. 97590 15" PVC Boot/Shoe Cover

Features

- .20 mm PVC upper
- Hard, embossed .50 mm PVC sole
- 100% waterproof
- Elastic top



No. 97590

No. 97591 12" Latex "Hazmat" Boot Cover

Features

- .60 mm latex rubber
- Ribbed and textured sole
- 100% waterproof



No. 97591

Ordering Information

Part No. Description

- 97590 15" PVC boot/shoe cover, sizes: M-XL
 97591 12" latex "Hazmat" boot cover, sizes: L & XL

*When ordering:

	M	L	XL	2XL
97590	6-8	9-11	12-14	-
97591	-	7-9	10-12	13-16

*Due to different workboot/workshoe designs, use this chart as a guide only.

Features

- High level protection against toxic and corrosive gases, liquids and solid chemicals
- Suited for Hazmat and domestic preparedness situations
- Patented, lightweight fabric of multiple film barriers laminated to both sides of a 3 oz. polypropylene
- Successfully tested against more than 230 chemicals
- Totally encapsulated vapor protective Level A
- Color is blue
- Case pack: 1
- Sizes: S thru 3XL



Tychem® Responder® - Fully Encapsulating Level A - Single Taped Seam

Part No.	Description
RS550T	Level A, front entry, expanded back for SCBA, 40 mil PVC face shield, two exhaust valves, 48" gas tight PVC zipper, double storm flap with hook and loop closure, attached sock boots, boot flaps, replaceable Butyl gloves
RS551T	Level A, rear entry, expanded back for SCBA, 40 mil PVC face shield, two exhaust valves, 48" gas tight PVC zipper, double storm flap with hook and loop closure, attached sock boots, boot flaps, replaceable Butyl gloves
RS552T	Level A, front entry, flat back, 40 mil PVC face shield, two exhaust valves, 48" gas tight PVC zipper, double storm flap with hook and loop closure, attached sock boots, boot flaps, replaceable Butyl gloves (specify pass-through)

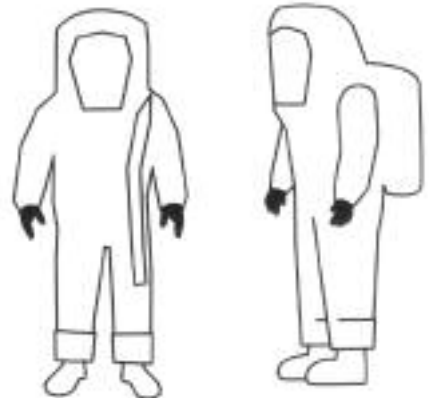


Flat Back

Tychem® Responder® - Fully Encapsulating Level A - Hazmat - Double Taped Seam

Part No.	Description
RS562T	Hazmat Tychem® Responder®, Level A, front entry, expanded back, 40 mil PVC face shield, 5 mil Teflon® overlay, 48" gas tight PVC zipper, double storm flap with hook and loop closure, attached sock boots, boot flaps, Butyl gloves with Silver Shield®/4H glove liner.
RS563T	Hazmat Tychem® Responder®, Level A, rear entry, expanded back, 40 mil PVC face shield, 5 mil Teflon® overlay, 48" gas tight PVC zipper, double storm flap with hook and loop closure, attached sock boots, boot flaps, Butyl gloves with Silver Shield®/4H glove liner.

Expanded Back



Tychem® CPF 3 Garments

- Strong and durable garments with broad chemical barrier
- Use when potential exposure to chemical warfare agents exists
- Multi-layer barrier film laminated to a durable 2.0 oz. polypropylene
- Taped seams
- Color: Tan
- Sizes: S-3XL
- Case pack 6



Ordering Information

Part No.	Description
C3125T	Coverall with collar, zipper front, elastic wrists and ankles
C3127T	Coverall with hood, zipper front, elastic wrists and ankles
C3122T	Coverall with hood, zipper front with storm flap, elastic wrists and sock boots
C3124T	Coverall with respirator fit hood, zipper front, elastic wrists and sock boots
C3526T	Encapsulated Level B, rear entry, 20 mil PVC faceshield, double storm flaps, one exhaust vent, flat back (airline access), elastic wrists and attached boots

Tychem® CPF 4 Garments

- Uses include chemical handling, emergency response, military and WMD handling and response
- Multi-layer composite barrier laminated to a strong, non-woven substrate
- Taped seams
- Color: Moss green
- Sizes: S-3XL
- Case pack 6



Ordering Information

Part No.	Description
C4125T	Coverall with collar, zipper front, elastic wrists and ankles
C4127T	Coverall with hood, zipper front, elastic wrists and ankles
C4526T	Encapsulated Level B, rear entry, 20 mil PVC faceshield, double storm flaps, one exhaust vent, flat back (airline access), elastic wrists and attached boots

Kappler Chem-Tape® - The Right Tape for Protective Apparel Applications

Ordering Information

Part No.	Description
99402	Chem-Tape®, roll size 2" x 60 yds., color yellow, 24/case



PPE

Tychem® TK
NFPA 1994 Certified Garment

Fully encapsulated vapor protective suit - Level A

Tychem® TK fully encapsulated vapor-protective suit (Level A), features expanded back, sealed seam plus inside and out, 48" zipper, double storm flap with hook and loop closure, 2 layer faceshield (10 mil Teflon® /40 mil PVC), 3 layer glove combination of Viton®, North Silvershield®, and outer knit Kevlar®, 3 exhaust valves, attached sock boots with boot flaps, 1.5" waist belt with 3 belt loops sewn (inside) and sealed. Includes storage bag and Bata Hazmax® boots.

Ordering Information

Part No. Description

- TK644 Fully encapsulated Level A vapor-protective suit, front entry, sizes: S-5XL
- TK654 Fully encapsulated Level A vapor-protective suit, rear entry, sizes: S-5XL



No. TK654

Tychem® BR

Lakeland's line of DuPont Tychem® BR chemical protective clothing is backed by extensive permeation data on over 200 nasty chemicals...including the ones with the reputations for being involved in most industrial or hazmat incidents. Superior tear, puncture and abrasion resistance, plus enhanced comfort make these garments a dream to work in.

The yellow color of Tychem® BR is highly visible in both bright and dim light, offering greater protection for hazmat teams, emergency response and transportation emergency teams.

Ordering Information

Part No. Description

- BR130 Coverall with sealed seams, zipper front with storm flap, hood, elastic face, wrists and ankles, sizes: S-5XL
- BR132 Coverall with sealed seams, zipper front with storm flap, respirator-fit hood, elastic face, wrists and ankles, sizes: S-5XL
- BR150 Coverall with sealed seams, zipper front with storm flap, respirator-fit hood, elastic face, elastic wrists and attached boots, sizes: S-5XL



No. BR132

Tychem® F

A High Level of Protection Against Chemical and Biological Warfare Agents

Tychem® F represents a remarkable step forward in the provision of individual protection for both Armed Forces and Civilian Populations in areas where chemical and/or biological warfare could take place, or where there is a risk of contamination from an industrial accident.

Tychem® F provides a tough and safe barrier to all known chemical warfare agents in liquid, gas or aerosol formats and represents the first simple, economic and disposable material for individual protection suits.

Ordering Information

Part No. Description

- 60132 Coverall with sealed seams, zipper front with storm flap, respirator-fit hood, elastic face, wrists and ankles, sizes: S-5XL
- 60151 Coverall with sealed seams, zipper front with storm flap, respirator-fit hood, elastic face, elastic wrists and attached boots, sizes: S-5XL



No. 60151