



Science.  
Applied to Life.™



# The Safety Essentials

Your “go-to” guide for the top-selling  
3M™ Safety Products

MARTIN 

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Suggested industry uses for products in this catalog are just a starting point for selecting appropriate PPE; safety managers need to determine appropriate PPE based on their unique work environments.



# Respiratory



# Get more face time. Comfort options that work for you.

A comfortable disposable respirator can help to make your workers want to wear one and promote compliance as required at all times during exposure.

## Ordering Information

**NOTE:** Customers in the following industries may be interested in the products listed: construction, utilities, transportation (includes heavy manufacturing and machinery), government, healthcare (when fluid resistance is not needed), chemical and pharmaceutical.

		SKU	Part Number	Item Description	Quantity/Case
Classics		7100132742	8210	<b>3M™ Particulate Respirator 8210, N95</b> Two-strap design with welded dual-point attachment helps provide a secure seal	160/Case
		7000002056	8511	<b>3M™ Particulate Respirator 8511, N95</b> 3M™ Cool Flow™ Exhalation Valve helps reduce heat and humidity build-up inside the respirator	80/Case
		7000002462	8210V	<b>3M™ Particulate Respirator 8210V, N95</b> 3M™ Cool Flow™ Exhalation Valve helps reduce heat and humidity build-up inside the respirator	80/Case
Alternative Design		7100110432	9211+	<b>3M™ Aura™ Particulate Respirator 9211+/37193(AAD), N95</b> The Aura™ Series is designed to control airflow to help reduce eyewear fogging	120/Case
		7000002390	9105	<b>3M™ VFlex™ Particulate Respirator 9105, N95</b> Economical flat fold design.V-shaped pleats help make breathing easier, flex with mouth movement for easier talking.	400/Case
Enhanced Functionality		7000002112	8515	<b>3M™ Particulate Welding Respirator 8515/07189(AAD), N95</b> Economical option for welders	80/Case
		7000002055	8293	<b>3M™ Particulate Respirator 8293, P100</b> NIOSH's highest rated filtration efficiency in a filtering facepiece respirator	20/Case
		7000002061	8576	<b>3M™ Particulate Respirator 8576, P95, with Nuisance Level* Acid Gas Relief</b> Carbon layer reduces exposure to nuisance levels of acid gases	80/Case
		7000002062	8577	<b>3M™ Particulate Respirator 8577, P95 with Nuisance Level* Organic Vapor Relief</b> Carbon layer reduces exposure to nuisance levels of organic vapors	80/Case

\* Nuisance level refers to concentrations not exceeding OSHA PEL or other applicable government exposure limits, whichever is lower.

## Safety and comfort built for the extreme.

### Pick your protection.

#### 3M™ Half Facepiece Reusable Respirator 6000 Series



Soft, lightweight facepiece offering an effective combination of comfort and convenience.

#### 3M™ Rugged Comfort Half Facepiece Reusable Respirator 6500QL Series



Overmolded, low-profile design offers simplified cleaning, resilience and compatibility with certain welding and grinding shields.

#### 3M™ Half Facepiece Reusable Respirator 7500 Series



Comfort and durability for all-day respiratory protection.

#### 3M™ Full Facepiece Reusable Respirator 6000 Series



This lightweight, well-balanced facepiece provides enhanced comfort and durability and has a large lens for excellent visibility.

#### 3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400 Series



This full facepiece design was developed for comfort, durability and visibility with unique features that make it the optimal choice for a variety of industrial applications.

#### 3M™ Full Facepiece Reusable Respirator 7800S Series



This durable full facepiece respirator has an optional clip-on welding faceshield kit for use in welding applications.

### Featured Respiratory Technologies















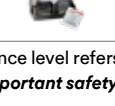


### Ordering Information

**NOTE:** Customers in the following industries may be interested in the products listed: construction, utilities, transportation (includes heavy manufacturing and machinery), government, healthcare (when fluid resistance is not needed), chemical and pharmaceutical.

	SKU	Part Number	Item Description	Qty/Case
Facepieces	7000001932	6100	3M™ Half Facepiece Reusable Respirator 6100/07024(AAD), Small	24/Case
	7000001933	6200	3M™ Half Facepiece Reusable Respirator 6200/07025(AAD), Medium	24/Case
	7000001934	6300	3M™ Half Facepiece Reusable Respirator 6300/07026(AAD), Large	24/Case
	This series combines comfort and convenience			
	7000128237	6501QL	3M™ Rugged Comfort Quick Latch Half Facepiece Reusable Respirator 6501QL/49488, Small	10/Case
	7000128239	6502QL	3M™ Rugged Comfort Quick Latch Half Facepiece Reusable Respirator 6502QL/49490, Medium	10/Case
	7000128241	6503QL	3M™ Rugged Comfort Quick Latch Half Facepiece Reusable Respirator 6503QL/49492, Large	10/Case
	Resilient silicone faceseal provides comfort, durability, and stability with a soft but firm seal			
	7100134948	7501	3M™ Half Facepiece Reusable Respirator 7501/37081(AAD), Small	10/Case
	7000002162	7502	3M™ Half Facepiece Reusable Respirator 7502/37082(AAD), Medium	10/Case
	7100134949	7503	3M™ Half Facepiece Reusable Respirator 7503/37083(AAD), Large	10/Case
	Advance silicone material for increased comfort and greater durability			
	7000002029	6700	3M™ Full Facepiece Reusable Respirator 6700, Small	4/Case
	7000002030	6800	3M™ Full Facepiece Reusable Respirator 6800, Medium	4/Case
	7000002037	6900	3M™ Full Facepiece Reusable Respirator 6900, Large	4/Case
	Large lens provides a wide field of view for excellent visibility			
	7000029940	FF-401	3M™ Ultimate FX Full Facepiece Reusable Respirator FF-401, Small	4/Case
	7000002284	FF-402	3M™ Ultimate FX Full Facepiece Reusable Respirator FF-402, Medium	4/Case
	7100001847	FF-403	3M™ Ultimate FX Full Facepiece Reusable Respirator FF-403, Large	4/Case
	Maximize comfort, durability and visibility			
	7000126199	7800S-S	3M™ Full Facepiece Reusable Respirator 7800S-S, Small, Silicone	1/Case
	7000002045	7800S-M	3M™ Full Facepiece Reusable Respirator 7800S-M, Medium, Silicone	1/Case
	7000126201	7800S-L	3M™ Full Facepiece Reusable Respirator 7800S-L, Large, Silicone	1/Case
	Silicone facepiece enhances fit and improves durability			

## Ordering Information continued

	SKU	Part Number	Item Description	Qty/Case
Filters/Cartridges		7000051991	2091 <b>3M™ Particulate Filter 2091/07000(AAD), P100</b> Advanced Electret Media (AEM) provides lightweight, easy breathing comfort	100/Case
		7000029657	2097 <b>3M™ Particulate Filter 2097/07184(AAD), P100 with Nuisance Level Organic Vapor Relief*</b> Versatile protection against many oil and non-oil based particulate contaminants	100/Case
		7000127451	2297 <b>3M™ Advanced Particulate Filter 2297, P100 with Nuisance Level Organic Vapor Relief*</b> Easier breathing	100/Case
		7000002155	7093B <b>3M™ Particulate Filter 7093B, P100</b> Exceptional 99.97% filter efficiency meets NIOSH P100-series test criteria	144/Case
		7000002008	5N11 <b>3M™ Particulate Filter 5N11, N95</b> NIOSH approved for environments containing certain non-oil-based particles	100/Case
		7000002054	5P71 <b>3M™ Particulate Filter 5P71/07194(AAD), P95</b> NIOSH approved for environments containing certain oil and non-oil based particles	100/Case
		7000051851	6001 <b>3M™ Organic Vapor Cartridge 6001</b> NIOSH approved for protection against certain organic vapors	60/Case
		7000051849	6003 <b>3M™ Organic Vapor/Acid Gas Cartridge 6003/07047(AAD)</b> NIOSH approved for protection against certain organic vapors and acid gases	60/Case
		7000002040	6006 <b>3M™ Multi Gas/Vapor Cartridge 6006</b> NIOSH approved for protection against certain organic vapors, acid gases, ammonia, methylamine and formaldehyde	60/Case
		7000029639	60921 <b>3M™ Organic Vapor Cartridge/Filter 60921, P100</b> NIOSH approved for protection against certain organic vapors and particulates	60/Case
		7000029640	60923 <b>3M™ Organic Vapor/Acid Gas Cartridge/Filter 60923, P100</b> NIOSH approved for protection against certain organic vapors, acid gases and particulates	60/Case
		7000002041	60926 <b>3M™ Multi Gas/Vapor Cartridge/Filter 60926, P100</b> NIOSH approved for protection against certain organic vapors, acid gases, ammonia, methylamine, formaldehyde and particulates	60/Case
Other/Accessories		7000001912	501 <b>3M™ Filter Retainer 501</b> Designed to hold 3M Particulate Filter 5N11 and 5P71/07194 (AAD) (sold separately)	100/Case
		7100138628	6885 <b>3M™ Faceshield Cover 6885/07142(AAD)</b> Use on 3M™ Full Facepieces 6000 Series to help protect the lens	100/Case
		7000001938	504 <b>3M™ Respirator Cleaning Wipe 504/07065(AAD)</b> Moist towelettes clean dirt and perspiration off facepiece respirators	500/Case

\*Nuisance level refers to concentrations not exceeding OSHA PEL or other applicable government exposure limits, whichever is lower.

See important safety warnings at end of this catalog.



## Go with the flow.

3M PAPR systems can offer comfortable, integrated protection against multiple hazards including respiratory, head, eye, face and hearing protection with certain NIOSH approved configurations.

### TR-300+

High Efficiency HE particulate filter only



### TR-600

HEPA filter plus multiple chemical cartridge options



### TR-800

Featuring an intrinsically safe motor blower/battery



## Ordering Information

**NOTE:** Customers in the following industries may be interested in the products listed:  
1. Construction 2. Utilities 3. Heavy Manufacturing 4. Healthcare 5. Chemical/ Pharmaceutical 6. Transportation Painting

	SKU	Part Number	Item Description	Industry Typically Used*
Kits	7100153814	TR-300N+ ECK	3M™ Versaflo™ Easy Clean PAPR Kit TR-300N+ ECK	5
	7100153815	TR-300N+ HIK	3M™ Versaflo™ Heavy Industry PAPR Kit TR-300N+ HIK	1,2,3
	7100153808	TR-300N+ HKS	3M™ Versaflo™ Healthcare PAPR Kit TR-300N+ HKS, Small - Medium	4
	7100153841	TR-300N+ HKL	3M™ Versaflo™ Healthcare PAPR Kit TR-300N+ HKL, Medium - Large	4
	7100035754	TR-600-ECK	3M™ Versaflo™ Easy Clean PAPR Kit	4,5
	7100035755	TR-600-HIK	3M™ Versaflo™ Heavy Industry PAPR Kit	1,2,3
	7100100424	TR-600-HKS	3M™ Versaflo™ Healthcare PAPR Kit, S/M	4
	7100098538	TR-600-HKL	3M™ Versaflo™ Healthcare PAPR Kit, M/L	4
	7100150926	TR-800-ECK	3M™ Versaflo™ Easy Clean PAPR Kit	5
	7100150922	TR-800-PSK	3M™ Versaflo™ Painters PAPR Kit	3,6
	7100150927	TR-800-HIK	3M™ Versaflo™ Heavy Industry PAPR Kit	3,5
Assemblies	7100153811	TR-304N+	3M™ Versaflo™ PAPR Assembly TR-304N+, with Easy Clean Belt and Economy Battery	4,5
	7100153812	TR-305N+	3M™ Versaflo™ PAPR Assembly TR-305N+, with Standard Belt and Economy Battery	1,2,3
	7100153813	TR-306N+	3M™ Versaflo™ PAPR Assembly TR-306N+, with High Durability Belt and High Capacity Battery	1,2,3
	7100153810	TR-307N+	3M™ Versaflo™ PAPR Assembly TR-307N+, with Easy Clean Belt and High Capacity Battery	4,5
	7100035757	TR-613N	3M™ Versaflo™ PAPR Assembly with Standard Battery, BT-30 Breathing Tube and High Durability Belt	1,2,3
	7100035758	TR-614N	3M™ Versaflo™ PAPR Assembly with Standard Battery, BT-30 Breathing Tube and Easy Clean Belt	4,5
	7100035759	TR-616N	3M™ Versaflo™ PAPR Assembly with High Capacity Battery, BT-30 Breathing Tube and High Durability Belt	1,2,3
	7100035830	TR-617N	3M™ Versaflo™ PAPR Assembly with High Capacity Battery, BT-30 Breathing Tube and Easy Clean Belt	4,5
	7100098537	TR-614N-HK	3M™ Versaflo™ Healthcare PAPR Assembly TR-614-HK	4

See important safety warnings at end of this catalog.

## Ordering Information continued

		SKU	Part Number	Item Description	Qty/Case
S-Series Hoods and Headcovers		7000127428	S-133L-5	<b>3M™ Versaflo™ Headcover with Integrated Head Suspension, S-133L-5, White, Medium/Large</b>	5 EA/Case
	The 3M™ Versaflo™ S-133L Headcover is a loose fitting facepiece approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems. It features the innovative 3M™ Quick Release Swivel (QRS) connection with compatible 3M breathing tubes.				
		7000052786	S-403L-20	<b>3M™ Versaflo™ Economy Hood, S-403L-20, Medium/Large</b>	20 EA/Case
	The 3M™ Versaflo™ S-403L Hood is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems. It features the innovative 3M™ Quick Release Swivel (QRS) connection with compatible 3M breathing tubes.				
M-Series Headtops		7000052768	S-757	<b>3M™ Versaflo™ Painter's Hood Assembly with Inner Shroud &amp; Premium Head Suspension S-757</b>	1 EA/Case
	Consists of a S-950 Premium Head Suspension and a S-707 Hood. It is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems. Fabric specifically intended to help capture paint overspray. Fabric has an internal film barrier to help prevent paint contact with skin or clothes.				
		7000002350	S-857	<b>3M™ Hood Assembly with Sealed Seams Inner Shroud and Premium Head Suspension S-857</b>	1 EA/Case
	Consists of a S-950 Premium Head Suspension and a S-807 Hood. It is approved for use with certain 3M™ Powered Air Purifying and Supplied Air Respirator Systems. Sealed seams to help protect when certain liquid hazards may be present. Multi-layer barrier film used and double shroud design.				
		7100086969	M-207	<b>3M™ Versaflo™ Respiratory Faceshield Assembly M-207, with Flame Resistant Face Seal</b>	1 EA/Case
	The M-207 is a lightweight, comfortable PAPR headtop that combines a respirator and faceshield, with the option of adding earmuffs for hearing protection. This headtop is a popular in light industry where respirators and face protection are typically used. Combine the M-207 with 3M Versaflo PAPR or Supplied Air components to create a complete respiratory assembly.				
		7000052874	M-307	<b>3M™ Versaflo™ Respiratory Hard Hat Assembly M-307, with Premium Visor and Face Seal</b>	1 EA/Case
	Used with an approved air source, M-300 Series hardhats provide respiratory (OSHA APF=25) and limited head (ANSI Z89.1-2003 Type 1 Class G) and eye (ANSI Z87.1-2010) protection. The M-307 assembly includes a premium visor and premium face seal.				
		7100009447	M-405	<b>3M™ Versaflo™ Respiratory Helmet Assembly M-405, with Standard Visor and Shroud</b>	1 EA/Case
	Used with an approved air source, M-400 Series helmets provide respiratory (OSHA APF=1000) and limited head (ANSI Z89.1-2003 Type 1 Class G) and eye (ANSI Z87.1-2010) protection. The M-405 assembly includes a standard visor and standard shroud.				
	7000002395	M-407	<b>3M™ Versaflo™ Respiratory Helmet Assembly M-407, with Premium Visor and Flame Resistant Shroud</b>	1 EA/Case	
For respiratory, eye, face and head protection with additional neck and shoulder coverage. Features a flame resistant shroud for applications with hot particles. The M-407 Assembly includes a M-927 Premium Visor, M-444 Inner Collar, and M-447 Flame Resistant Outer Shroud. The M-927 visor is made of coated polycarbonate. The M-447 shroud is made of Nomex® flame resistant fibers.					
	7100168651	M-407SG	<b>3M™ Versaflo™ Respiratory M-Series Helmet Assembly with Flame Resistant Shroud and Speedglas™ Welding Shield, M-407SG, No ADF</b>	1 EA/Case	
The Versaflo™ M-407SG Helmet Assembly includes a flame resistant shroud and Speedglas™ Welding Shield, and offers a 10% weight reduction and larger viewing area than the L-905SG.					

See important safety warnings at end of this catalog.



# Head, Face and Eye







## Lightweight helmets for comfortable protection.

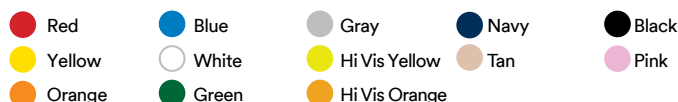
The job's demanding. You don't need a helmet squeezing you, too. Engineered from the ground up to deliver comfort without compromise, no matter the height.

### Ordering Information

**NOTE:** Customers in the following industries may be interested in the products listed:  
1. Construction 2. Utilities 3. Heavy Manufacturing 4. Healthcare 5. Chemical/Pharmaceutical. 6. Forestry/Arborist

		SKU	Part Number	Item Description	Qty/Case	Industry Used
Cap Style		7000053152	H-701R-UV	<b>3M™ Hard Hat with Uvicator H-701R-UV, White, 4-Point Ratchet Suspension</b>	20 EA/Case	1, 3, 5
		7000053153	H-701V-UV	<b>3M™ Hard Hat with Uvicator H-701V-UV, Vented, White, 4-Point Ratchet Suspension</b>	20 EA/Case	1, 3, 5
		7010315354	H-701T	<b>3M™ Elevated Temperature Hard Hat H-701T, White, 4-Point Ratchet Suspension</b> <i>Available in white, blue and yellow.</i>	10 EA/Case	1, 3, 5
Full Brim		7000144986	H-801V-UV	<b>3M™ Full Brim Hard Hat H-801V-UV, White 4-Point Ratchet Suspension, Vented, with Uvicator</b>	20 EA/Case	1, 3, 5
		7000053179	H-801R-UV	<b>3M™ Full Brim Hard Hat H-801R-UV, White 4-Point Ratchet Suspension, with Uvicator</b>	20 EA/Case	1, 3, 5
Climbing Helmet		7100175570	X5001-ANSI	<b>3M™ SecureFit™ Safety Helmet, X5001-ANSI, White</b>	10 EA/Case	1, 2, 5, 6
		7100175578	X5001V-ANSI	<b>3M™ SecureFit™ Safety Helmet, X5001V-ANSI, White, vented</b>	10 EA/Case	1, 5, 6
Suspension		7000002421	H-700-RS4	<b>3M™ Hard Hat Suspension Replacement H-700-RS4, 4-point Ratchet Standard</b>	20 EA/Case	
		7100180703	X5-6PTSUS	<b>3M™ X5-6PTSUS Replacement 6 Point Suspension for SecureFit™ Safety Helmet X5000</b>	10 Kits/Case	

### Hard Hat Colors Available



- ▶ High-visibility hard hat colors meet ANSI Z89.1-2014 High-Visibility Performance requirements
- ▶ Non-vented hard hats meet ANSI/ISEA Z89.1-2014 Type I, Class G and E requirements
- ▶ Vented hard hats meet ANSI/ISEA Z89.1-2014 Type I, Class C requirements

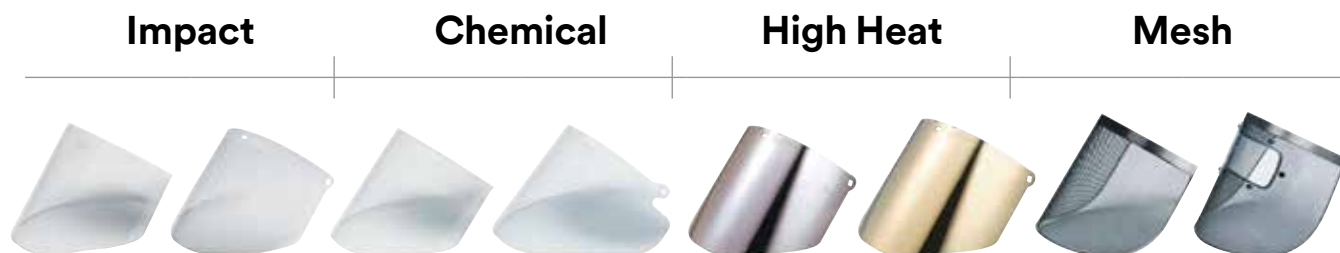
## 3M Face Protection

The 3M line of headgear and visors are designed to be durable and comfortable. The line features several interchangeable pieces for customization. Available features include ratchet suspension, anti-fog coating, multiple faceshield tint and material options, and easy assembly. All of our faceshields feature the reliability and performance you expect from 3M.

## 3M Headgear and Hard Hat Adapter



Part Number	H8A	82783-00000	82782-00000
Benefit	Ratchet headgear for use with any 3M™ Faceshield	Includes an H8A headgear and WP96 polycarbonate faceshield for grinding, cutting, drilling, and demolition	Includes an H8A headgear and a W96 propionate faceshield for chemical pipe fitting, liquid handling, line breaking, fueling, spraying and painting
SKU	7000002290	7000127244	7000127243
Industry Used**	1, 2, 3, 4, 5	1, 2, 3, 4, 5	1, 2, 3, 4, 5



Part Number	WP96	WCP96	W96	WE96X	WP96AL	WCP96G	W96M	W96MW
SKU	7000002339	7000052753	7100000260	7000127235	7000052705	7000127238	7000127168	7000127231
Industry Used**	1, 2, 3, 4, 5	1, 2, 3, 4, 5	1, 2, 3, 4, 5	1, 2, 3, 4, 5	3	3	6	6

\*\*Industries: 1. Construction 2. Utilities 3. Transportation (includes Heavy Manufacturing and Machinery) 4. Government/Healthcare 5. Chemical/Pharmaceutical. 6. Forestry  
Customers in the preceding industries may be interested in these products.
















3M offers Safety Glasses that deliver innovation, leading-edge design, and advanced lens coatings, unique functionality and distinctive licensed brands that provide our customer with the confidence of being protected and the assurance of looking good.

## Ordering Information

**NOTE:** Customers in the following industries may be interested in the products listed: construction, utilities, transportation (includes heavy manufacturing and machinery), government, healthcare (when fluid resistance is not needed), chemical and pharmaceutical.

	SKU	Part Number	Item Description	Accessories
	7100090435	SF201AF	<b>3M™ SecureFit™ Protective Eyewear SF201AF, Clear Lens</b>	—
Stylish, lightweight design weighs less than 1oz. Features proprietary 3M™ Pressure Diffusion Temple Technology.				
	7100150838	SF401SGAF-BLU	<b>3M™ SecureFit™ Safety Glasses SF401SGAF-BLU, Blue/Gray, Clear Scotchgard™ Anti-fog Lens</b>	 Gasket Available
Features proprietary 3M™ Pressure Diffusion Temple Technology which helps diffuse pressure over the ear for a secure, comfortable fit. Available in multiple colors.				
	7100132253	SF601SGAF-TAC	<b>3M™ SecureFit™ Tactical Series SF601SGAF-TAC, Clear Scotchgard™ Anti-Fog lens, black frame</b>	 Gasket Available
3M advancements in high performance protective eyewear, re-evaluates traditional concepts of form, fit, and function – leading to a comfortable, high performance spectacle. Available in a variety of lenses.				
	7100079183	S1101SGAF	<b>3M™ Solus™ 1000-Series Safety Glasses S1101SGAF, Black/Blue, Clear Scotchgard™ Anti-Fog Lens</b>	 Gasket & Strap Available
3M™ Solus™ 1000 series protective eyewear features Scotchgard™ Anti-Fog lens coating which helps workers see clearly, longer – providing longer lasting fog resistance than traditional anti-fog* coatings. Removable temples enable the use of the optional strap with removable gasket. Available in multiple frame and lens colors.				
	7100168468	GG502SGAF	<b>3M™ GoggleGear™ 500 Series GG502SGAF, Gray Scotchgard™ Anti-fog lens</b>	 SRX Insert Available
These splash goggles with 3M™ Scotchgard™ Anti Fog Coating help keep lenses clear in hot and humid environments.				
	7010302104	GG2891S-SGAF	<b>3M™ GoggleGear™ GG2891S-SGAF, Sealed, Clear SGAF Lens</b>	—
Suitable for a number of different applications where a comfortable goggle is required.				
	7100203191	SF3701ASGAF	<b>3M™ SecureFit™ 3700 Series, SF3701ASGAF-BLU, Alternate Fit, Blue, Scotchgard™ Anti-Fog Coating, Clear OTG AF-AS lens</b>	—
Featuring Pressure Diffusion Temple (PDT) Technology and an adjustable ratcheting temple, the SecureFit 3700 series offers Over-The-Glass protection with a personalized fit.				

## Lens options (availability dependent on model):

- Clear
- Indoor/Outdoor Grey
- Polarized
- Low IR
- Shade 5.0
- Readers +2.0
- Grey
- Amber
- Photochromic
- Shade 3.0
- Readers +1.5
- Readers +2.5

**Scotchgard Anti-Fog**  
is available on SF600, SF400, Solus, GG500, GG2890, SFOTG3700

\* Based on 3M internal testing per EN168 test method when compared with traditional anti-fog coatings.

# Weld with confidence.

When it comes to your team's safety, you want only the highest quality welding products. But you also want your workers to be comfortable on the job. That's why we have designed our 3M™ Speedglas™ Welding Helmets and 3M™ Adflo™ Powered Air Purifying Respirators to help protect eyes, lungs, hearing, head and more from everyday hazards while providing lighter weight and more comfort.

## 9002NC

SKU: 7010341356



### Robust and slim

The 3M™ Speedglas™ Welding Helmet 9002NC is a welding helmet designed for rugged, dependable protection. The 9002NC Welding helmet can be used for welding with Advanced auto-darkening optics which adjust to your working conditions for a lighter, brighter and more detailed view of your welds. And a lighter weight, slim profile means less constriction in tight spaces. The new 3M™ Speedglas™ Welding Helmet 9002NC is your new window to the world.

## G5-01

SKU: 7100214392



### Comfort and protection you can build on

The 3M™ Speedglas™ G5-01 Heavy-Duty Welding Helmet offers integrated respiratory protection and is quickly adjustable for both welding and grinding. The G5-01 also offers 3M's first-ever Variable Color Technology, allowing welders to select between three different dark state colors to get a better view of their weld puddle. This helmet also includes new and improved adjustable airflow, optional 1000 APF and task light accessories, Bluetooth® connectivity and more!

## 9100 XXi

SKU: 7010302093



### See your work in a brand new light

With improvements based on input from master welders around the world, the 3M™ Speedglas™ Welding Filter 9100XXi sets a new standard for visibility, convenience and ease of use. The improved optics in this helmet deliver more natural color and contrast which may allow better control of the weld puddle, greater precision, and simplified workflow.

## Ordering Information







**NOTE:** Customers in the following industries may be interested in the products listed:  
1. Construction 2. Transportation 3. Heavy Manufacturing 4. General Manufacturing  
5. Oil & Gas 6. Mining

○ Focus industries for product's use.

		SKU	Part Number	Item Description	Qty/Case	Industry Used
Helmets	9100 Series	7010302093	06-0100-30iSW	3M™ Speedglas™ Welding Helmet 9100, 06-0100-30iSW, with Auto-Darkening Filter 9100XXi	1/Case	1, 2, 3, 4, 5, 6
		7010341109	06-0600-30SW	3M™ Speedglas™ Welding Helmet 9100 FX 06-0600-30SW, Side Windows Auto-Darkening Filter 9100XX Shade 5, 8-13	1/Case	1, 2, 3, 4, 5, 6
	9002NC Series	7010341356	04-0100-20NC	3M™ Speedglas™ Welding Helmet 9002NC 04-0100-20NC	1/Case	1, 2, 3, 4, 5, 6
	100 Series	7000029984	07-0012-31BL	3M™ Speedglas™ Welding Helmet 100 Black with Auto-Darkening Filter 100V 07-0012-31BL/37232(AAD)	1/Case	1, 2, 3, 4, 5, 6
Welding P&SA Systems	9100 FX Air: Powered Air	7100200574	35-1101-30iSW	3M™ Adflo™ PAPR with 3M™ Speedglas™ Welding Helmet 9100-Air, 35-1101-30iSW, HE Filter, Li Ion Batt, ADF 9100XXi	1/Case	1, 2, 3, 4, 5, 6
		7100200572	36-1101-30iSW	3M™ Adflo™ PAPR with 3M™ Speedglas™ Welding Helmet 9100 FX-Air, 36-1101-30SW, HE filter, Li Ion Batt, ADF 9100XXi	1/Case	1, 2, 3, 4, 5, 6
		7100200573	37-1101-30iSW	3M™ Adflo™ PAPR HE System with 3M™ Speedglas™ Welding Helmet 9100 MP, 37-1101-30iSW	1/Case	1, 3, 4, 5

See important safety warnings at end of this catalog.

## Ordering Information continued

			SKU	Part Number	Item Description	Qty/ Case	Industry Used
Helmet Accessories	9100 Series		7010385388	06-0000-30i-KIT	3M™ Speedglas™ Auto Darkening Filter 9100XXi with Silver Front Panel, 06-0000-30i-KIT	1/Case	1, 2, 3, 4, 5, 6
			7000127722	06-0014-00NR	3M™ Speedglas™ 9100 Hard Hat Adapter 06-0014-00NR, for 3M™ Speedglas™ Welding Helmet 9100 (Hard Hat not included)	1/Case	① ② ③ 4, 5, 6
			7000128083	06-0700-54	3M™ Speedglas™ Wide-View Clear Grinding Visor 9100 FX/9100 FX-Air, 06-0700-54, Anti-Fog treated	5/Case	1, 2, 3, 4, 5, 6
			7010385936	06-0200-51	3M™ Speedglas™ Welding Helmet Outside Protection Plate 9100 06-0200-51/37174(AAD)	10/Case	1, 2, 3, 4, 5, 6
	9002NC		7010386299	04-0000-21NC	3M™ Speedglas™ Welding Filter 9002NC 04-0000-21NC	1/Case	1, 2, 3, 4, 5, 6
			7000030042	07-0014-00NR	3M™ Speedglas™ 100 Hard Hat Adapter, Welding Safety 07-0014-00NR, for 3M™ Speedglas™ Welding Helmet 100 Series (Hard Hat not included), Compatible with 9002NC	1/Case	① ② ③ 4, 5, 6
			7100009491	04-0270-01	3M™ Speedglas™ Welding Helmet Outside Protection Plate 9000 04-0270-01	10/Case	1, 2, 3, 4, 5, 6
			7000126758	04-0280-01	3M™ Speedglas™ Inside Protection Plate 9002NC with +1 shade 04-0280-01, standard plate with no additional shade is 04-0280-00	5/Case	1, 2, 3, 4, 5, 6
Welding P&SA Systems	Adflo Assemblies		7100200576	38-1101-30iSW	3M™ Adflo™ PAPR and Versaflo™ M-Series Helmet Kit Speedglas™ Welding Shield, 38-1101-30iSW, Li Ion Battery, ADF 9100 XXi	1/Case	1, 2, ③ 4, 5, 6
			70071734944	35-5401-01	3M™ Adflo™ Turbo Assembly 35-5401-01, Lithium Ion Battery	1/Case	1, 2, 3, 4, 5, 6
	Supplied Air Kits		7100194538	26-5702-30iSW	3M™ Speedglas™ FA III SAR V-100 and Speedglas™ Welding Helmet 9100 FX-Air, 26-5702-30iSW, ADF 9100XXi	1/Case	1, ② ③ ④ 5, 6
			7100194535	27-5702-30iSW	3M™ Speedglas™ FA III SAR V-100 Valve and Speedglas™ Welding Helmet 9100 MP, 27-5702-30iSW, ADF 9100XXi	1/Case	① ② ③ ④ ⑤ ⑥
	G5-01		7100214379	46-5702-30iVC	3M™ Speedglas™ Heavy-Duty Welding Helmet G5-01 w 3M™ V-100 Vortex™ Cooling Valve Assembly, ADF G5-01	1/Case	① ② ③ ④ ⑤ ⑥
			70071735958	46-1101-30iVC	3M™ Speedglas™ Heavy-Duty Welding Helmet G5-01 w ADF G5-01VC and 3M™ Adflo™ High-Altitude PAPR Assembly	1/Case	① ② ③ ④ ⑤ ⑥
			70071735925	46-0099-35	3M™ Speedglas™ Heavy-Duty Welding Helmet G5-01, Rigid Neck Cover, Fabric Head Cover, No ADF	1/Case	① ② ③ ④ ⑤ ⑥
			70071735842	46-0000-30i	3M™ Speedglas™ Welding Filter G5-01	1/Case	① ② ③ ④ ⑤ ⑥
			70071735859	46-0000-30iVC	3M™ Speedglas™ Welding Filter G5-01VC	1/Case	① ② ③ ④ ⑤ ⑥
Welding P&SA Accessories	Adflo Accessories & Replacement Parts		7000126735	15-1101-99	3M™ Adflo™ High Efficiency Starter Kit 15-1101-99/37147(AAD)	1/Case	1, 2, 3, 4, 5, 6
			7000127589	15-0299-99x06	3M™ Adflo™ Powered Air Purifying Respirator (PAPR) High Efficiency Particulate Filter 15-0299-99X06	6/Case	1, 2, 3, 4, 5, 6
			7100009539	15-0299-99x02	3M™ Adflo™ Powered Air Purifying Respirator (PAPR) High Efficiency Particulate Filter 15-0299-99X02/37145(AAD)	2/Case	1, 2, 3, 4, 5, 6
			7000126732	15-0099-99x12	3M™ Adflo™ Prefilter 15-0099-99X12	12/Case	1, 2, 3, 4, 5, 6
			7000128118	15-0499-99x02	3M™ Adflo™ Replacement Cartridges 15-0499-99X02, Organic Vapor/Acid Gas(OV/SD/CL/HCl)	2/Case	1, 2, 3, 4, 5, 6
			7100025244	35-0099-08	3M™ Adflo™ PAPR Battery Smart Charger 35-0099-08, for Lithium Ion Battery	1/Case	1, 2, 3, 4, 5, 6
			7100025245	35-1099-07	3M™ Adflo™ Powered Air Purifying Respiratory (PAPR) Battery, 35-1099-07, Lithium Ion	1/Case	1, 2, 3, 4, 5, 6
			7000052901	BPK-01	3M™ Versaflo™ Back Pack BPK-01 for Adflo PAPR	1/Case	1, 2, 3, 4, 5, 6
			7000128097	SG-30W	3M™ Speedglas™ Self-Adjusting Breathing Tube SG-30W /37268(AAD)	1/Case	1, 2, 3, 4, 5, 6
			7000128115	SG-15	3M™ Speedglas™ Breathing Tube Cover SG-15	1/Case	1, 2, 3, 4, 5, 6



# Hearing Solutions



# Safety never sounded so good.

3M PELTOR solutions help provide protection from hazardous noise while allowing for auditory awareness and communications.

**Find your function.** (Color corresponds to the function in the above chart.)



**Environmental Listening Technology**



**Hearing protection with built-in two-way radio**



**Hearing protection for communicating with external two-way radio**


























**Hearing protection with external audio input**



**Bluetooth® technology**

## Ordering Information

**NOTE:** Customers in the following industries may be interested in the products listed:  
1. Construction 2. Utilities 3. Transportation 4. General Manufacturing 5. Oil & Gas / PetroChem 6. Firearms Instructor. Transportation includes Heavy Manufacturing, Metal Fab, and Machinery

		Function	SKU	Part Number	Item Description	Industry Used
LiteCom Plus	 	  	7000108560	MT7H7A4610-NA	3M™ PELTOR™ Lite Com Plus Two Way Radio Headset, Headband	1, 2, 3
			7000108562	MT7H7P3E4610-NA	3M™ PELTOR™ LiteCom Plus 2-Way Radio Headset, Hard Hat Attached	1, 2, 3
	Built-in two-way radio with 30 pre-programmed channels and 121 sub-channel settings.					
WS LiteCom PRO III	   	   	7100099785	MT73H7P3E4D10NA-50	3M™ PELTOR™ WS™ LiteCom PRO III Headset, Hard Hat Attached, Intrinsically Safe	1, 2, 3, 5
			7100099790	MT73H7A4D10NA	3M™ PELTOR™ WS™ LiteCom PRO III 403-470MHz, Analog/Digital, NA version, Headband	1, 2, 3
			7100099581	MT73H7B4D10NA	3M™ PELTOR™ WS™ LiteCom PRO III 403-470MHz, Analog/Digital, NA version, Neckband	1, 2, 3
			7100099586	MT73H7P3E4D10NA	3M™ PELTOR™ WS™ LiteCom PRO III 403-470MHz, Analog/Digital, NA version, Hard Hat Attached	1, 2, 3, 5
Built-in programmable two-way communication radio allows for clear, hands-free communication in high levels of noise without cumbersome cables or cords.						
EEP			7100193144	EEP-100	3M™ PELTOR™ Electronic Earplug, EEP-100	1, 3, 6
		Helps protect your hearing when it's noisy, but allows you to hear when it's quiet.				
ProTac III	 	 	7100088424	MT13H221A	3M™ PELTOR™ ProTac™ III Headset, Black, Headband	1, 2, 3
		7100088423	MT13H221P3E	3M™ PELTOR™ ProTac™ III Headset, Black, Hard Hat Attached	1, 2, 3	
Helps protect your hearing when it's noisy, but allows you to hear when it's quiet.						
WS ProTac XPI	 	 	7100196045	MT15H7AWS6	3M™ PELTOR™ WS™ ProTac XPI Headset, Headband	1, 2, 3
		7100195960	MT15H7P3EWS6	3M™ PELTOR™ WS™ ProTac XPI Headset, Hard Hat Attached	1, 2, 3	
Connect to your Bluetooth® device for clear, hands-free conversations in noisy environments.						

U.S. EPA specifies the NRR as the measure of hearing protector noise reduction. However, 3M makes no warranties as to the suitability of the NRR for this purpose. 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations for guidance on how to adjust attenuation label values. It is recommended that the NRR be reduced by 50% to better estimate typical protection.

**See important safety warnings at end of this catalog.**

# Hearing protection for nearly every environment.




3M has multiple options to help meet your needs. To the right are the most common earplugs, and some key benefits:

Disposable	<b>Disposable Foam Earplugs</b> <ul style="list-style-type: none"> <li>► High NRR* for situations with high noise exposures</li> <li>► Usually the lowest cost option</li> <li>► Conforms comfortably to the unique shape of each ear</li> </ul>
Reusable	<b>Reusable Earplugs</b> <ul style="list-style-type: none"> <li>► Designed for multiple uses</li> <li>► Durable and washable with mild soap and water</li> <li>► One size fits most</li> </ul>
Push to Fit	<b>Push-to-Fit Earplugs</b> <ul style="list-style-type: none"> <li>► Quicker to insert than disposable foam earplugs</li> <li>► No-roll design helps keep the tips clean when the wearer's hands are dirty</li> <li>► Moderate to high NRR*</li> </ul>
Metal Detectable	<b>Metal Detectable</b> <ul style="list-style-type: none"> <li>► Helps prevent food contamination</li> <li>► 3M offers a metal detectable push-to-fit earplug</li> <li>► Metal detectable cord available</li> </ul>

## Ordering Information

**NOTE:** Customers in the following industries may be interested in the products listed: construction, utilities, transportation (includes heavy manufacturing and machinery), government, healthcare (when fluid resistance is not needed), chemical and pharmaceutical.

PELTOR Earmuffs

SKU	Part Number	Item Description	Qty/Case	NRR*	
	7000104070	X1	<b>3M™ PELTOR™ Earmuffs X1, Over-the-Head, Green</b>	10 EA/Case	22 dB
The X1A is a lightweight, low-profile earmuff designed for protection against low-level industrial noise and other loud sounds. It features an electrically insulated wire headband, often referred to as “dielectric”.					
	7000104073	X4	<b>3M™ PELTOR™ Earmuffs X4, Over-the-Head, Light Green</b>	10 EA/Case	27 dB
Combines high attenuation with a sleek, low-profile and lightweight design. The innovative foam earcup inserts and spacers help boost attenuation while adding little bulk or weight helping this product have a great NRR* to thinness of cup ratio, great for those who have to work in tight spaces.					
	7000104074	X5	<b>3M™ PELTOR™ Earmuffs X5, Over-the-Head, Black</b>	10 EA/Case	31 dB
No earmuffs in the market today offer a higher Noise Reduction Rating (NRR*) than X5. The high attenuation provided by these earmuffs is a result of the combination of specially-formulated foam in the earcups and cushions and the innovative spacer and cup design.					

U.S. EPA specifies the NRR as the measure of hearing protector noise reduction. However, 3M makes no warranties as to the suitability of the NRR for this purpose. 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations for guidance on how to adjust attenuation label values. It is recommended that the NRR be reduced by 50% to better estimate typical protection.



## Ordering Information continued

		SKU	Part Number	Item Description	Qty/Case	NRR*
Disposable		7000002299	310-1001	<b>3M™ E-A-R™ Classic™ Uncorded Earplugs 310-1001/ 310-1103 (small), in Pillow Pack</b>	2,000 EA/Case	29 dB
		Classic earplugs start out firm to allow for easy insertion, then soften from body heat to conform to the unique shape of each ear. This low-pressure foam formulation doesn't absorb moisture for a comfortable fit even in high heat and humidity. The PVC Material will not ignite when exposed to an arc flash.				
		7000002303	312-1250	<b>3M™ E-A-Rsoft™ Yellow Neons™ Earplugs 312-1250, Uncorded, Poly Bag</b>	2,000 EA/Case	33 dB
		These earplugs are designed to seal the ear canal with soft, slow-recovery foam for excellent noise reduction and comfort.				
		7100099847	1100	<b>3M™ Uncorded Foam Earplugs 1100</b>	1,000 EA/Case	29 dB
Reusable		These economical, tapered earplugs are made with hypoallergenic foam that is designed to conform to the unique shape of each ear. 3M 1100 and 1110 earplugs start out firm, to make them easier to insert, then soften in the ear for a comfortable fit.				
		7000029951	312-1261	<b>3M™ E-A-Rsoft™ FX™ Earplugs 312-1261, Uncorded, Poly Bag</b>	2,000 EA/Case	33 dB
		Features a bell shape and super-soft, slow-recovery foam to effectively seal the ear canal and provide reliable hearing protection.				
		7100101640	340-3002	<b>3M™ UltraFit™ Silicone Corded Earplugs, 340-3002, w/Carry Case</b>	320 pr/Case	24 dB
		Designed for small to medium size ears and made from a durable soft silicone material this earplug easily adapts to the ear canal and can be washed and reused many times to help reduce waste. The three-flange design fits a wide range of ear canal sizes and a cloth cord for comfort and convenience. This product features a carry case to help you keep your earplugs clean and protected when not in use.				
Push to Fit		7000002320	340-4004	<b>3M™ E-A-R™ UltraFit™ Corded Earplugs 340-4004, in Poly Bag</b>	400 EA/Case	25 dB
		A proven three-flange design and pliable, pre-molded material make UltraFit earplugs a good option for most ears. These durable earplugs are easy to use again and again, reducing waste. They can be cleaned easily with soap and water.				
		7000127187	p3000	<b>3M™ Tri-Flange™ Corded Earplugs P3000</b>	400 EA/Case	26 dB
		Soft, flexible flanges are designed to adapt to the shape of the ear canal to comfortably help reduce exposure to noise. The plastic stem allows the wearer to insert the earplugs quickly and easily without touching the premolded tips. Choose from a vinyl or cloth cord.				
		7000052745	318-1001	<b>3M™ E-A-R™ Push-Ins™ Earplugs 318-1001, Corded, Poly Bag</b>	400 EA/Case	28 dB
Metal Detectable		3M™ E-A-R™ Push-Ins™ corded foam earplugs provide all-day hearing comfort, convenience and protection. Constructed of 3M™ E-A-Rform™ foam, these earplugs feature a no roll-down design and a blue stem for a quick and easy insertion.				
		7000002319	328-100	<b>3M™ E-A-R™ Flexible Fit Earplug HA 328-1001, ANSI, corded, polybag</b>	400 pair PR/Case	30 dB
		The NEW 3M™ E-A-R™ Flexible Fit Earplug has a soft foam tip and a flexible fitting stem that allows easy insertion into the ear using one or two hands.				
		7000052722	p2001	<b>3M™ No-Touch™ Push-to-Fit Earplugs P2001, Corded</b>	400 EA/Case	29 dB
		Corded push-to-fit foam earplugs create a hygienic, noise-reducing seal in the ear canal with soft foam, a smooth tapered shape and paddle stems. Push-to-fit design makes using hearing protection easy.				
Dispenser		7000127181	P1301	<b>3M™ E-A-R™ Skull Screws™ Earplugs P1301, Corded</b>	480 EA/Case	32 dB
		Push-to fit corded foam earplugs sport the tough look of threaded metal, but feel of soft foam, while offering push-to-fit convenience and noise attenuation with attitude. Effective hearing protection and compliance with a clean, easy twist.				
		70071515749	340-4007	<b>3M™ E-A-R™ UltraFit™ Metal Detectable Corded Earplugs 340-4007, in Poly Bag</b>	400 EA/Case	25 dB
		7000029952	311-4106	<b>3M™ E-A-Rsoft™ Yellow Neons™ Metal Detectable Corded Earplugs 311-4106, in Poly Bag Regular Size</b>	2,000 EA/Case	32 dB
		7000127208	311-1127	<b>3M™ E-A-R™ EXPRESS™ Pod Plugs™ Corded Metal-Detectable Earplugs 311-1127, in Pillow Pack</b>	400 EA/Case	25 dB
Dispenser		All metal detectable earplugs have a stainless steel bead encased in the earplug. Popular in food manufacturing industries, when contamination prevention is critical. Available in a variety of comfortable earplug styles to meet most wearer preferences and environmental needs.				
		7100064963	391-0000	<b>3M™ E-A-R™ One Touch™ Pro Earplug Dispenser, Blue 391-0000</b>	1 EA/Case	

All 3M earplugs are offered corded and most are also offered uncorded.

**\*NOTE:** 3M strongly recommends fit testing of hearing protectors. Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in hearing protector fit, fitting skill and motivation of the user. If the NRR is used, 3M recommends that it be reduced by 50% or in accordance with applicable regulations.

See important safety warnings at end of this catalog.

# Protective Apparel



# Tailored for the way you work.

Designed for reliable protection and comfort – all shift long! 3M™ Protective Apparel includes a variety of features, from fabrics with specialized treatments for enhanced wear and added protection, to breathable back panels for increased comfort.

- Suggested  
○ Possible alternative

	4520	4540+
<b>Certification</b>	<ul style="list-style-type: none"> <li>▶ Limited splash</li> <li>▶ Particle</li> <li>▶ Anti-static</li> </ul>	
<b>▶ Abatement/remediation</b>		
Exposure to radioactive particles	○	○
Mold remediation/mold spores	●	○
Asbestos inspection, site preparation	●	○
Asbestos removal	○	○
<b>▶ Agriculture</b>		
Fertilizer application (dry/granular)	○	○
Animal waste (solid)	○	
Pesticide spraying <sup>1</sup>		
<b>▶ Pharmaceutical/clean room</b>		
Pharmaceutical processing	○	○
Handling powders	○	○
Clean rooms		○
<b>▶ Painting</b>		
Spray Painting		●
Resin application		●
Fiberglass application		●
<b>▶ Cleaning and maintenance</b>		
Dirt	○	
Machine or vehicle maintenance	○	○
Light duty building maintenance	○	
Grease (general)	○	○
<b>▶ General industry</b>		
Electronics/circuit board assembly <sup>2</sup>	●	
Fiberglass/cellulose insulation installation	●	○
Food processing	○	○
General powder handling	○	○
Lime handling	○	
Woodworking	●	
Non-hazardous aerosols (sprays)	○	○
Non-hazardous liquids	○	○
Non-hazardous solids	○	
Coal dust	○	○

## Ordering Information

**NOTE:** Customers in the following industries may be interested in the following products: Transportation (includes Heavy Manufacturing and Machinery) and Chemical/Pharmaceutical industries.

	SKU	Product Name/Number/Item Description	Quantity/Case
4520	7000088987	3M™ Disposable Protective Coverall 4520-BLK-M	25/Case
	7000088986	3M™ Disposable Protective Coverall 4520-BLK-L	25/Case
	7000088988	3M™ Disposable Protective Coverall 4520-BLK-XL	25/Case
	7000088989	3M™ Disposable Protective Coverall 4520-BLK-XXL	25/Case
	7000088990	3M™ Disposable Protective Coverall 4520-BLK-3XL	25/Case
	7000088985	3M™ Disposable Protective Coverall 4520-BLK-4XL	25/Case
(Coverall, zipper front, storm flap, attached hood, elastic wrists and ankles, white)			
4540+	7000109040	3M™ Disposable Protective Coverall 4540+BLK-M	25/Case
	7000109041	3M™ Disposable Protective Coverall 4540+BLK-L	25/Case
	7000109042	3M™ Disposable Protective Coverall 4540+BLK-XL	25/Case
	7000109043	3M™ Disposable Protective Coverall 4540+BLK-XXL	25/Case
	7000109044	3M™ Disposable Protective Coverall 4540+BLK-3XL	25/Case
	7000109045	3M™ Disposable Protective Coverall 4540+BLK-4XL	25/Case
(Coverall, zipper front, storm flap, breathable panel, attached hood, knit cuffs, elastic ankles, white)			

<sup>1</sup> Refer to pesticide manufacturer's recommendations for appropriate level of liquid/particulate protection.

<sup>2</sup> For applications conducted in a controlled environment refer to "Cleanroom Applications".

\* All apparel must be suitably grounded for anti-static treatment to be effective.



**Scotchlite**



# Helping employers protect lives through trusted reflective innovation.

## Our Promise:

3M is a pioneer in developing the science behind retroreflection and has been advancing the technology in new and groundbreaking ways for decades. We continue to make advancements in reflective material innovations and help play a longstanding role in on-the-job safety.

## Resources and education.

### ANSI/ISEA 107-2015 Standard

Federal safety regulations requires that employers perform a low visibility risk assessment for every job function on a worksite exposed to vehicle and/or equipment traffic. Are you compliant with OSHA Hazard Assessment Requirements?

See how the New ANSI/ISEA 107-2015 standard changes may impact your High Visibility garment choices:  
[3M.com/ANSIMadeEasier](http://3M.com/ANSIMadeEasier)

### 3M High Visibility Hazard Assessment

Learn more about 3M High Visibility materials and access our assessment tool by visiting our website: [3M.com/HSS](http://3M.com/HSS)

## Buying made easy.

For a list of Reflective and High Visibility Apparel from brands featuring 3M™ Scotchlite™ Reflective Material, visit: [3M.com/highvisibilityclothing](http://3M.com/highvisibilityclothing)

## Compliance across industries.

High Visibility Clothing Options - made with 3M™ Scotchlite™ Reflective Material.



Oil and Gas



Firefighting



Mining



Construction



**NOTE:** Customers in the following industries may be interested in the following products: Oil & Gas, Firefighting, Mining, Construction.

## How 3M™ Scotchlite™ Reflective Material Works:

Retroreflectivity helps the eye perceive objects in low-light conditions when illuminated by a light source. In more scientific terms, retroreflection occurs when light rays are returned in the direction from which they came. Retroreflective materials appear brightest to an observer located near the original light source.



## Visible value. Without comparison.

3M™ Scotchlite™ Reflective Material - 5410 Diamond Mesh Trim is a revolutionary leap in performance and design, delivering compliant visibility with breathability and durability - to help keep your guys comfortable and safe while they work. Created with a patent-pending 3M cut and spread technology, the interstitial weeding process and related waste is eliminated to create a resource-efficient, lower-cost trim without sacrificing visibility.

Learn more at: [3M.com/DiamondMesh](https://www.3M.com/DiamondMesh)







## ▲WARNING

These respirators help reduce exposures to certain airborne particulates. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in injury, illness or death. For correct use, consult supervisor and User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

**Important** – Before using these respirators, you must determine the following:

1. The type of contaminant(s) for which the respirator is being selected.
2. The concentration level of contaminant(s).
3. Whether the respirator can be properly fitted on the wearer's face. All respirator instructions, warnings and use and time limitations must also be read and understood by the wearer before use.

Before use of these respirators, a written respiratory protection program must be implemented, meeting all the requirements of OSHA 29 CFR 1910.134, including training and fit testing.

## ▲WARNING

These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury. For proper use, see supervisor and User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing earplugs. Failure to do so may result in hearing loss or injury.

3M strongly recommends fit testing of hearing protectors. Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in hearing protector fit, fitting skill and motivation of the user. If the NRR is used, 3M recommends that it be reduced by 50% or in accordance with applicable regulations.

## ▲WARNING

3M™ Hard Hat H-700 Series and 3M™ Hard Hat H-800 Series provides limited protection only. Misuse or failure to following warnings and User Instructions may result in serious personal injury or death. For proper use see supervisor, User Instructions or call 3M Personal Safety Division (PSD) Technical Service at 800-243-4630 (USA) or 800-267-4114 (Canada).

## ▲WARNING

These products meet the requirements of certain industrial eyewear standards and with some models certain industrial head protection standards. They do not provide complete head, eye and face protection from severe impact and penetration and are not a substitute for good safety practices and engineering controls. **Misuse may result in serious injury or death.** For correct use, see supervisor and User Instructions, or call 3M PSD Technical Service.

## ▲WARNING

This product is designed to help protect the wearer's eyes and face from harmful radiation including visible light, ultra-violet radiation (UV), infra-red radiation (IR), sparks and spatter resulting from welding processes. These products must be used only by qualified persons who are properly trained in their use and maintenance. **Misuse may result in permanent eye injury and vision loss.** Always wear ANSI Z87.1 compliant safety spectacles in addition to any welding helmet. For correct use, see supervisor and User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.



Contact your Martin Sales Rep or call 800.828.8116.

[martinsupply.com](http://martinsupply.com)

**Important Notice:** This guide is only an outline. It should not be used as the only means for selecting PPE. The wearer must read and understand the user instructions for each product. Specific country legislation must be observed. If in doubt, contact a safety professional. Selection of the most appropriate PPE will depend on the particular situation and should only be made by a competent person knowledgeable of the actual working conditions and the limitations of PPE.

Final determination as to the suitability of these products for a particular situation is the employer's responsibility. This information is subject to revision at any time. Always read and follow all User Instructions in order to ensure correct operation. If you have questions contact 3M Technical Service.

**LIMITATION OF LIABILITY:** Except as provided above, 3M shall not be liable or responsible for any loss or damage, whether direct, indirect, incidental, special or consequential arising out of the sale, use or misuse of 3M PSD products, or the user's inability to use such products. THESE REMEDIES SET FORTH HEREIN ARE EXCLUSIVE.



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