

**3M** Science.  
Applied to Life.™

Personal Safety Division

# Top Products Catalogue



# Personal Safety Division

3M helps keep everyone safer in a changing world. Across diverse industries and applications our technology, expertise and energy drive innovative solutions to help you control your environment so you can focus on the job at hand.

3M provides safety solutions that improve comfort while helping employers increase compliance, with personal protective equipment for everything from your eyes and head to hearing and respiratory system.



**3M** Science.  
Applied to Life.™

# A safer world made easier.



Download on the  
**App Store**

**Imagine having the entire 3M Personal Safety catalogue, complete with product information, organized and available on your iPad®.**

Apple, the Apple logo, and iPad are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

# Table of Contents

<b>Disposable Respirators</b>	<b>6</b>
Comfort	9
Comfort Plus	10
Welding	11
Specialty	12
Product Preference Selector	13
Respirator Features	14-15
<b>Reusable Respirators</b>	<b>16</b>
3M™ Full Facepiece Respirators	19
3M™ Half Facepiece Respirators	20
3M™ Filters	21
3M™ Cartridges	22-23
Respiratory Accessories	24
<b>Powered and Supplied Air</b>	<b>26</b>
3M™ Versaflo™ Powered Air Purifying Respirators TR-300	28-29
3M™ Versaflo™ Powered Air Purifying Respirators TR-600	30-32
3M™ Versaflo™ Headtops M-Series	33
3M™ Versaflo Hoods and Headcovers S-Series—Advantages	34
3M™ GVP-Series Powered Air Purifying Respirators	35
3M™ Breathe-Easy Powered Air Purifying Respirators	35
3M™ GVP-Series Belt-Mounted Combinations	36
3M™ Breathe-Easy Belt-Mounted Combinations	37
Head and Face-Mounted Powered Air Purifying Respirators	38
3M™ Versaflo™ AP-600 Series Air Filtration Panels (AFP)	39
3M™ High Pressure Loose Fitting Supplied Air Respirators	40
3M™ Tight Fitting Supplied Air Respirators	41
Headtop Selection Tool	42
Air Filtration Panel Selection Tool	43

<b>Welding</b>	<b>44</b>
3M™ Speedglas™ Welding Portfolio	46
3M™ Speedglas™ Auto-Darkening Filter (ADF) Specifications	47
3M™ Speedglas™ Welding Helmet 9100	48
3M™ Speedglas™ Welding Helmet 9100 Air	48
3M™ Speedglas™ Welding Helmet 9100 FX	49
3M™ Speedglas™ Welding Helmet 9100 FX Air	49
3M™ Speedglas™ Welding Helmet 9100 MP	50
3M™ Speedglas™ Welding Helmet 9100-QR	50
3M™ Speedglas™ Graphic Welding Helmet 100	51
3M™ Speedglas™ SL Series	51
3M™ Adflo™ Powered Air Purifying Respirator System	52
3M™ Adflo™ Powered Air Respirator	53
3M™ Speedglas™ Fresh-Air III Supplied Air Systems	54
3M™ Speedglas™ Parts and Accessories	55
<b>Hearing Protection</b>	<b>56</b>
Earplugs	59-62
Earmuffs	63
<b>Communication Solutions</b>	<b>64</b>
Headsets	66-69
<b>Detection Solutions</b>	<b>70</b>
<b>Protective Eyewear</b>	<b>72</b>
Polycarbonate Lens Selection Guide	73
Protective Eyewear	76-83
Protective Goggles	84
Features Selection Guide	86-87
<b>Head &amp; Face Protection</b>	<b>88</b>
3M™ Hard Hats	89
3M™ Headgear and Faceshields	91-92
3M™ Headgear and Faceshields Combinations H-Series	93-95
3M™ Hard Hat V-Series Product Combinations	96-97
<b>Fall Protection</b>	<b>98</b>
Harnesses, Lanyards & Retractable Lifelines	101-103
<b>Protective Clothing</b>	<b>106</b>
3M™ 4510 Protective Coveralls	107
Product Category Selector and Accessories	108
<b>3M™ Scotchlite™ Reflective Material</b>	<b>110</b>
<b>Training and Services</b>	<b>112</b>



**3M** Science.  
Applied to Life.™

# Disposable Respirators

3M™ Advanced Electret Filter increases performance without adding material. That means lower breathing resistance while getting the same great coverage.

# Disposable Respirators

## 3M™ Filtering Facepiece Respirators

### Features of 3M™ Filtering Facepiece Respirators

From foundries to woodworking, workers in many industries require protection from airborne particles such as dust, fibre, mist, fume and biological aerosols. Sweeping, sanding, grinding, sawing, bagging, welding – each creates a unique set of conditions, especially given environmental considerations such as heat and humidity. 3M's wide selection of filtering facepiece respirators helps you match the respirator to your environment. 3M uses a variety of innovative technologies and features to help you meet your protection and comfort needs. They are all NIOSH 42CFR84 approved and include the following features:

- Lightweight and comfortable
- Adjustable noseclips
- Variety of strap and attachment types
- Some available with carbon filter material for nuisance level relief<sup>1</sup>
- Soft inner materials
- Compatible with most eye and hearing protection
- All maintenance free respirators are constructed with advanced electret media



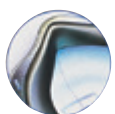
### Featured Technologies



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



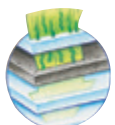
**M-noseclip.** Patented noseclip adjusts easily for fewer pressure points and greater comfort.



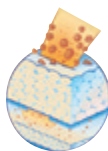
**Faceseal.** Soft and secure, conforms closely to face for additional comfort.



**Advanced Electret Media.** Patented filter media with electrostatically charged microfibers help make breathing easier and cooler.



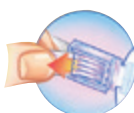
**Carbon filter material.** Carbon filter media provides relief against odours, vapour and other gaseous contaminants for greater wearer comfort. For nuisance level relief only<sup>1</sup>.



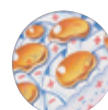
**Cake-resistant filter media.** Patented filter media with specifically designed filter layers for welding applications provide longer respirator life and easier breathing.



**Welding Web.** Unique filter media incorporating protective layers designed to be flame resistant as demonstrated per ASTM D2859-96. (Not a substitute for a faceshield)



**Adjustable buckle straps.** A single tug helps provide a comfortable, secure fit.



**P-Series filter.** Patented Advanced Electret Media, appropriate for prolonged use in both oil and non-oil containing environments.

<sup>1</sup> 3M recommended for relief against nuisance level acid gas or organic vapours. Nuisance level organic vapour and acid gas refers to concentrations not exceeding applicable government occupational exposure limits.

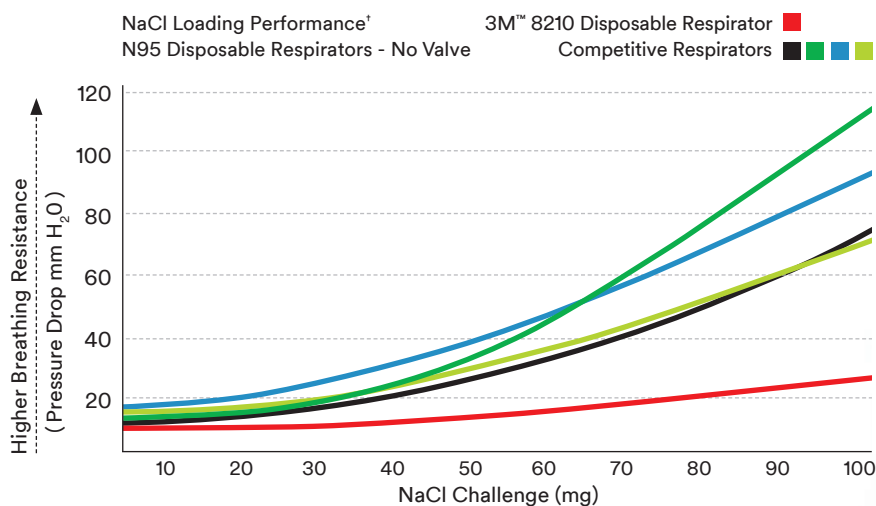
# Advanced Electrostatic Media allowing you to breathe easier

At 3M we're developing respirators with unique filter media technology that are highly effective and comfortable to wear. Workers value this 3M advantage. In fact, in a 2012 blind study, workers rated 3M™ respirators as easier to breathe through when compared to others.\*

Our same manufacturing process injects a high level of electrostatic charge into microfibers arranged in an open formation that allows for the greater passage of air through the media. These highly charged microfibers greatly enhance the capture of airborne particles and enable 3M to design respirators with reduced breathing resistance.

## Experience greater comfort

The chart below demonstrates that 3M's Advanced Electrostatic Media (AEM), tested in the 8210 respirator, continues to have the lowest breathing resistance when compared to several competitive respirators.



†Loading with sodium chloride (NaCl) aerosol meeting NIOSH specifications at 85 L/min to 100 mg. Source: Representative loading performance from internal testing July 2012. The testing performed by 3M is not a part of the testing and certification conducted by NIOSH. Selection of respirator models, testing protocol, data generation and conclusions were reviewed and approved by an expert from the University of Minnesota.

\*Based on research study by Burke, Inc. 2/2012 of 200 Safety Managers that used both 3M brand and other respirators.

## Meeting the challenge

Highly charged microfibers enhance the capture of airborne particles while allowing you to breathe easier.



Illustration of 10,000x magnified electrostatically charged microfibers.



# 3M™ Disposable Respirators

## Comfort



**Non-valved N95 Respirators: Suggested Applications:** Sweeping, sanding, grinding, sawing and bagging in a non-oil environment. Also suggested for pandemic stockpiling/business continuity planning.



### 3M™ Aura 9210+ Disposable Respirator (N95)

- Designed to direct exhaled air away from the nose panel, helping reduce eyewear fogging
- Comfortable braided headbands help keep respirator securely in place and minimize pulling of hair
- Individually packaged

Product #	Stock #	Qty/Box	Box/Case	Case Qty
9210+	7000088711	20	12	240



### 3M™ 8210+ Disposable Respirator (N95)

- Builds on all of the features that have made the 8210 one of the most widely used N95s in industry
- The PLUS offers comfortable braided headbands and that won't tangle in hair

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8210+	7000002176	20	8	160



### 3M™ 8210 Disposable Respirator (N95)

- Features welded strap attachment, soft nose foam and adjustable noseclip to help provide a custom fit and secure seal

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8210	7100006272	20	8	160



### 3M™ 8110S Disposable Respirator (N95)

- Is designed for people with smaller faces
- It helps provide worker protection against certain non-oil based particles
- It is comfortable and easy to use which helps promote greater worker acceptance and increased wear time

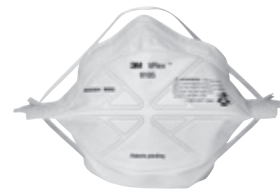
Product #	Stock #	Qty/Box	Box/Case	Case Qty
8110S	7000052065	20	8	160



### 3M™ 8200 Disposable Respirator (N95)

- Designed to help provide reliable protection against certain non-oil based particles

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8200	7000052787	20	8	160



### 3M™ VFlex™ Disposable Respirators

#### 9105/9105S (N95)

- Adjustable Noseclip to provide custom fit
- V-shaped Pleats for easier breathing and talking
- 3M Patented Filter Media for easier breathing
- Flat-fold Convenience
- N95 approved
- 9105S designed for people with smaller faces

Product #	Stock #	Qty/Box	Box/Case	Case Qty
9105	7000002390	50	8	400
9105S	7000030028	50	8	400



Flags denote country of manufacture, however all products may include globally sourced components. IMPORTANT: All 3M™ products shown in this catalogue must be used in accordance with the requirements of the authority having jurisdiction in your region and/or CSA standard Z94.4 and the user instructions, warnings, and limitations accompanying each product.

\*Tested according to ASTM F1862. 8510 is approved by NIOSH but is not approved by the FDA as a surgical mask.

# 3M™ Disposable Respirators

## Comfort Plus

**3M™ N95 Respirators:** Suggested Applications: Grinding, bagging, sanding and sweeping. Also suggested for extended wear time, hot/humid conditions, other dusty operations and pandemic stockpiling/business continuity planning. Comfort Plus respirators all feature the patented 3M™ Cool Flow™ Exhalation Valve.



### 3M™ Aura 9211+ Disposable Respirator (N95)

- Designed to direct exhaled air away from the nose panel, helping to reduce eyewear fogging  
3M™ CoolFlow™ Valve keeps wearer cool
- Comfortable braided headbands help keep respirator securely in place and minimizes pulling of hair
- Individually packaged

Product #	Stock #	Qty/Box	Box/Case	Case Qty
9211+	7000088712	10	12	120



### 3M™ 8511 Disposable Respirator (N95)

- Is uniquely designed to help provide protection against certain non-oil based particles
- Designed to help deliver classic N95 respiratory protection with the addition of the proprietary 3M™ Cool Flow™ Valve

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8511	7000002056	10	8	80

**100 Class Respirators:** Ideal when local regulatory agencies require a class 100 filter. Appropriate for pharmaceutical manufacturing.



### 3M™ 8293 Disposable Respirator (P100)

- Is well suited for those who want NIOSH's highest rated filtration efficiency in a maintenance free respirator
- It provides a minimum filter efficiency of 99.97% against oil base particles
- Individually packaged


Product #	Stock #	Qty/Box	Box/Case	Case Qty
8293	7000002055	1	20	20



### 3M™ 8233 Disposable Respirator (N100)

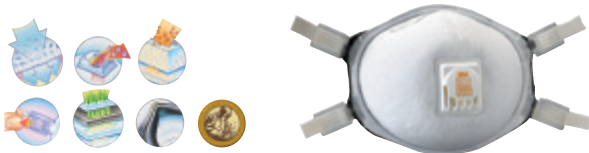
- Is well suited for those who want NIOSH's highest rated filtration efficiency in a maintenance free respirator
- It provides a minimum filter efficiency of 99.97% against non-oil based particles
- Individually packaged

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8233	7000002028	1	20	20

 Flags denote country of manufacture, however all products may include globally sourced components.  
**IMPORTANT:** All 3M™ products shown in this catalogue must be used in accordance with the requirements of the authority having jurisdiction in your region and/or CSA standard Z94.4 and the user instructions, warnings, and limitations accompanying each product.

## Welding

**Welding and Metal Pouring:** Suggested Applications: Welding, torch cutting, brazing, soldering. Welding respirators all feature the patented 3M™ Cool Flow™ Exhalation Valve.



### 3M™ 8214 Disposable Respirator (N95)

- Is designed for applications such as welding, soldering and other operations where metal fumes may be present including those with ozone\* and nuisance level organic vapours\*\*
- Includes face seal
- Additional Applications: Metal pouring, working with stainless, galvanized or aluminium

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8214	7000002083	10	8	80



### 3M™ Disposable Respirator 8514 (N95)

- Is designed for applications such as welding, soldering and other operations where metal fumes are present including those with ozone\* and nuisance level organic vapours\*\*
- Additional Applications: Metal pouring, working with stainless, galvanized or aluminium

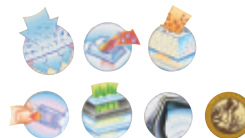
Product #	Stock #	Qty/Box	Box/Case	Case Qty
8514	7000002098	10	8	80



### 3M™ Disposable Respirator 8515 (N95)

- An economical option for welders featuring the 3M™ Cool Flow™ Exhalation Valve, adjustable M-noseclip, and braided headband to help provide a custom fit and secure seal

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8515	7000002112	10	8	80



### 3M™ 8212 Disposable Respirator (N95)

- Features the 3M™ Cool Flow™ Exhalation Valve, cake-resistant filter media and fully adjustable straps
- Includes face seal
- Additional Applications: Metal pouring

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8212	7000002027	10	8	80



### 3M™ Disposable Respirator 8512 (N95)

- Features the 3M™ Cool Flow™ Exhalation Valve, cake-resistant filter media, nose foam and fully adjustable noseclip and straps
- Additional Applications: Metal pouring

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8512	7000002097	10	8	80

\* 3M recommended for ozone protection up to 10X OSHA PEL or applicable government occupational exposure limits, whichever is lower. Not NIOSH approved for ozone.

\*\* 3M recommended for relief against nuisance level acid gas or organic vapours. Nuisance level organic vapour and acid gas refers to concentrations not exceeding applicable government occupational exposure limits.

Flags denote country of manufacture, however all products may include globally sourced components. **IMPORTANT:** All 3M™ products shown in this catalogue must be used in accordance with the requirements of the authority having jurisdiction in your region and/or CSA standard Z94.4 and the user instructions, warnings, and limitations accompanying each product.

# 3M™ Disposable Respirators

## Specialty

**Non-valved Specialty Respirators:** Suggested Applications: Grinding, bagging, sanding, sweeping in oil and non-oil environments and other dusty operations.



### 3M™ 8247 Disposable Respirator (R95)

- Is designed to help provide comfortable protection against certain oil and non-oil based particles including those present with nuisance levels of organic vapours\*, such as solvents, degreasers and resins
- Additional Applications: Foundry operations, lab settings, agriculture, petrochemical manufacturing and undercoating where particles and nuisance levels of organic vapours\* may be present

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8247	7000002060	20	6	120



### 3M™ 8246 Disposable Respirator (R95)

- Helps provide protection against certain oil and non-oil based particles including those present with nuisance levels of acid gases\* such as sulphur dioxide, hydrogen fluoride, and/or chlorine
- Additional Applications: Glass etching, chemical processing, paper processing, aluminum smelting and brewing operations where particles and nuisance levels of acid gases\* may be present

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8246	7000002059	20	6	120



### 3M™ 8240 Disposable Respirator (R95)

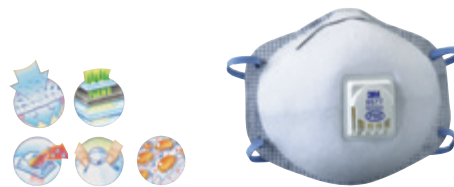
- Is designed to help provide protection against certain oil and non-oil based particles
- Features a collapse resistant shell for increased durability
- Additional Applications: Grinding, sanding, sweeping, machining and other dust producing/oily operations

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8240	7000126306	20	6	120

\*3M recommended for relief against nuisance level acid gas or organic vapours. Nuisance level organic vapour and acid gas refers to concentrations not exceeding applicable government occupational exposure limits.

 Flags denote country of manufacture, however all products may include globally sourced components. **IMPORTANT:** All 3M™ Products shown in this catalogue must be used in accordance with the requirements of the authority having jurisdiction in your region and/or CSA standard Z94.4 and the user instructions, warnings, and limitations accompanying each product.

**Valved Specialty Respirators:** Features the patented 3M™ Cool Flow™ Exhalation Valve. Suggested for extended wear time, hot/humid conditions.



### 3M™ 8577 Disposable Respirator (P95)

- Is designed to help provide comfortable, reliable worker protection against certain oil and non-oil based particles including those present with nuisance levels of organic vapours\* such as solvents, degreasers and resins
- Additional Applications: Foundry operation, lab settings, agricultural, petrochemical, manufacturing

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8577	7000002062	10	8	80



### 3M™ 8576 Disposable Respirator (P95)

- Is designed to help provide comfortable, reliable worker protection against certain oil and non-oil based particles including those present with nuisance levels of acid gases\* such as sulphur dioxide, hydrogen fluoride, and/or chlorine
- Additional Applications: Glass etching, chemical processing, paper processing, aluminum smelting and brewing operations

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8576	7000002061	10	8	80



### 3M™ 8271 Disposable Respirator (P95)

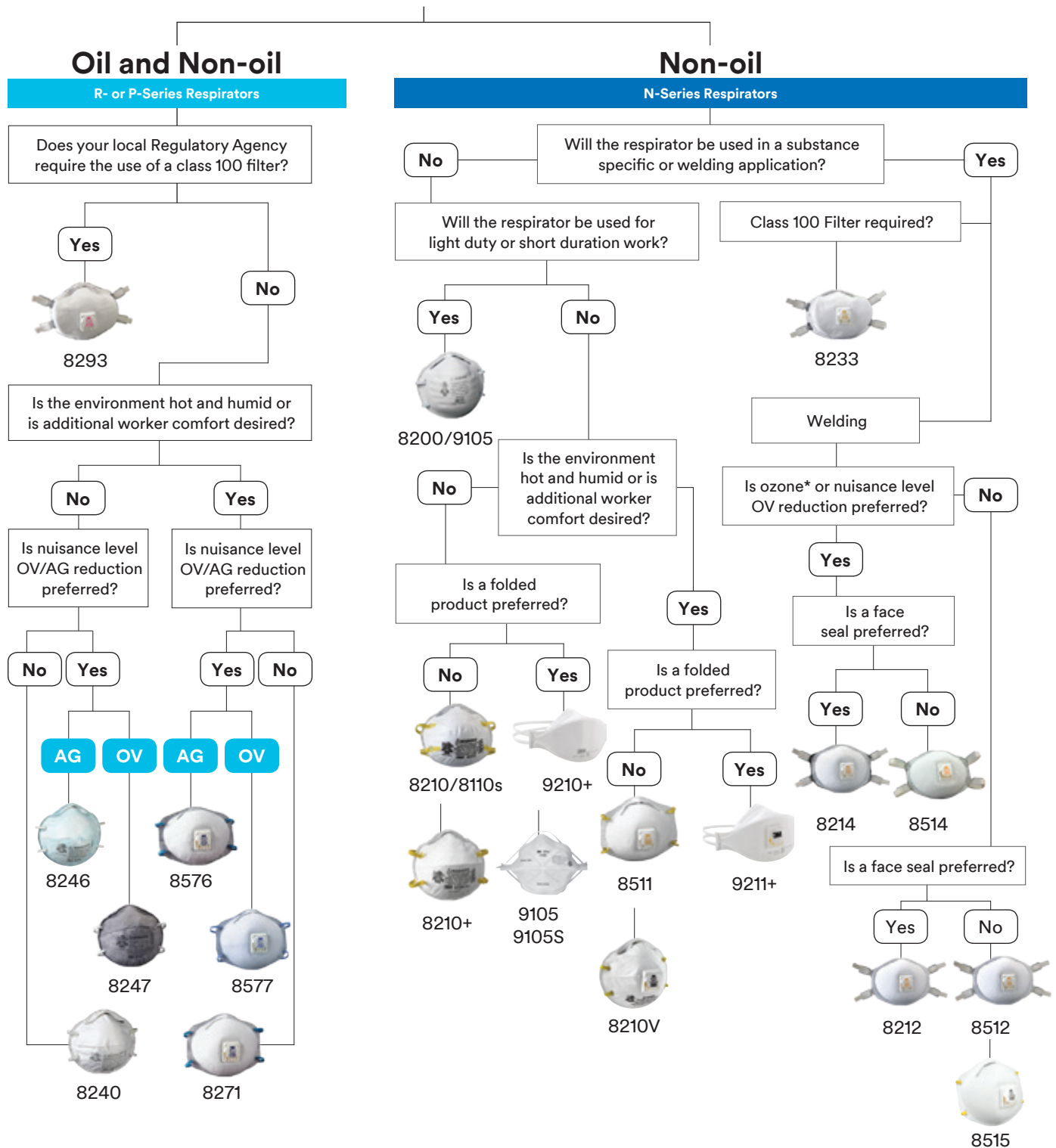
- Combines P-Series versatility with exceptional comfort and fit
- An excellent choice for those who have work environments that may contain oil aerosols

Product #	Stock #	Qty/Box	Box/Case	Case Qty
8271	7000002047	10	8	80

# Product Preference Selector

Use the selector below to identify which respirator may be preferred for increased worker comfort.

## What type of particles are in your environment?













\*3M recommended for ozone protection up to 10X OSHA PEL or applicable government occupational exposure limits, whichever is lower. Not NIOSH approved for ozone.

# 3M™ Disposable Respirators

## Respirator Features

### 3M™ Disposable Particulate Respirators (N95)



	Product#	Classification/ Packaging	Suggested Applications	3M™ Cool Flow™ Valve	M- Noseclip	Face- Seal	Advanced Electret Media	Carbon Filter Material	Cake Resistant Media	Adjustable Straps	Welding Web	APF*
<b>Comfort</b>												
<b>Dusty Conditions</b>												
	9210+	N95 20 each/box 12 box/case	Sweeping, sanding, grinding, sawing, bagging				X					10
	8210+	N95 20 each/box 8 box/case	Sweeping, sanding, grinding, sawing, bagging with comfort braided headbands				X					10
	8210 8110S (Sm)	N95 20 each/box 8 box/case	Sweeping, sanding, grinding, sawing, bagging, available in small 8110S				X					10
	8200	N95 20 each/box 8 box/case	Sweeping, sanding, grinding, sawing, bagging				X					10
	9105 9105S	N95 50 each/box 8 box/case	Sweeping, sanding, grinding, sawing, bagging				X					10
	8240	R95 20 each/box 8 box/case	Grinding, sanding and other dusty/oily operations				X					10
	8246	R95 20 each/box 8 box/case	Glass etching, chemical processing, paper processing, brewing, aluminum smelting¹				X	AG				10
<b>Comfort Plus</b>												
	9211+	N95 10 each/box 12 box/case	Sweeping, sanding, grinding, sawing, bagging, hot/dusty operations	X			X					10
	8511	N95 10 each/box 8 box/case	Sweeping, sanding, grinding, sawing, bagging, hot/dusty operations	X	X		X					10
	8210V	N95 20 each/box 8 box/case	Sweeping, sanding, grinding, sawing, bagging, available in small 8110S	X			X					10
	8271	P95 10 each/box 8 box/case	Grinding, sanding, machining and other dusty/oily operations	X	X		X					10

#### Important

All 3M™ Filtering Facepieces are NIOSH approved respirators. Before using, you must determine the following:











- The types of contaminants for which the respirator is being selected and exposure time.
- The concentration level of the contaminant(s). Do not use for particle concentrations that exceed 10 times the applicable government occupational exposure limits.
- Whether the respirator can be properly fitted to the wearer's face. Do not use with beards, or other conditions that prevent a good seal between the face and the sealing surface of the respirator.
- Before required use of filtering facepiece respirators, a written respiratory protection program must be implemented, meeting all the requirements of the authority having jurisdiction in your region and/or CSA standard Z94.4 including medical evaluation, training, and fit testing.

#### 3M Worldwide, World Class

3M develops, manufactures and markets over 60,000 different consumer, commercial, industrial and health care products. We have manufacturing operations in 60 countries and do business in more than 200 countries. 3M can help you achieve corporate goals, meet and exceed government standards, simplify and improve the lives of your employees, and contribute to a safe, healthy and sustainable work environment.

# Respirator Features



Product#	Classification/ Packaging	Suggested Applications	3M™ Cool Flow™ Valve	M- Noseclip	Face- Seal	Advanced Electret Media	Carbon Filter Material	Cake Resistant Media	Adjustable Straps	Welding Web	APF*
<b>Dusty Conditions/Nuisance Odours</b>											
 8247	R95 20 each/box 6 box/case	Foundry operations, labs, agriculture, petrochemical, undercoating <sup>2</sup>				X	OV				10
 8576	P95 10 each/box 8 box/case	Same as 8246, plus hot operations <sup>1</sup>	X	X		X	AG				10
 8577	P95 10 each/box 8 box/case	Same as 8247, plus hot operations <sup>2</sup>	X	X		X	OV				10
<b>Welding and Metal Pouring</b>											
 8212	N95 10 each/box 8 box/case	Welding, metal cutting/ pouring, grinding, sanding, and other dusty/ hot operations	X		X	X		X	X	X	10
 8214	N95 10 each/box 8 box/case	Welding, metal cutting/ pouring, grinding, sanding, foundry, labs, petrochemical, undercoating <sup>3</sup>	X		X	X	OV OZ	X	X	X	10
 8512	N95 10 each/box 8 box/case	Welding, metal cutting/ pouring, grinding, sanding, and other dusty/ hot operations	X			X		X	X	X	10
 8514	N95 10 each/box 8 box/case	Welding, metal cutting/ pouring, grinding, sanding, foundry, labs, petrochemical, undercoating <sup>3</sup>	X			X	OV OZ	X	X	X	10
 8515	N95 10 each/box 8 box/case	Welding, metal cutting/ pouring, grinding, sanding, and other dusty/ hot operations	X	X		X				X	10
<b>Class 100</b>											
 8233	N100 1 each/bag 20 bag/case	Appropriate for pharmaceutical manufacturing	X		X	X			X		10
 8293	P100 1 each/bag 20 bag/case	Appropriate for pharmaceutical manufacturing	X		X	X			X		10

\*APF = Assigned Protection Factor.

<sup>2</sup> 3M recommended for relief against nuisance level acid gas or organic vapours.  
Nuisance levels are less than the applicable government occupational exposure limits.

<sup>1</sup> 3M recommended for nuisance level acid gas relief.

<sup>2</sup> 3M recommended for nuisance level organic vapour relief.

<sup>3</sup> 3M recommended for up to 10x OSHA PEL of ozone or applicable government occupational exposure limits, which ever is lowest, and nuisance level organic vapour relief.

## 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 the authority having jurisdiction in your region and/or CSA Standard Z94.4 including training, fit testing and medical evaluation. Misuse may result in sickness or death. For proper use, see package instructions, supervisor, or call 3M PSD Technical Service in Canada at 1-800-267-4414.

**3M** Science.  
Applied to Life.™



# Reusable Respirators

Charcoal-bonded cartridges help remove harmful elements from the air you breathe on the worksite. Comfortable, adaptable, and dependable, 3M has your face covered.

# 3M™ Filtering Facepiece Respirators








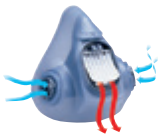




## Select the Right Respirator



	6000 HF	6500	6500QL	7500	6000 FF	FF-400	7800S
Enhanced Durability		■	■	■		■	■
Enhanced Comfort		■	■	■	■	■	
Drop-down Feature	■*		■	■			
3M™ Cool Flow™ Valve		■	■	■	■	■	
Compatible with 3M™ Supplied Air System	■	■	■	■	■	■	■
Compatible with 3M™ PAPR Systems					■		■
Eye Protection					■	■	■
Speaking Diaphragm						■	■
Accessories					■	■	■
Spare Parts	■	■	■	■	■	■	■
Six-point Head Harness						■	■
Silicone Faceseal		■	■	■	■	■	■
Compatible with Welding Shield	■	■	■				
Clip-on Welding Shield							■

\*6000DD Version.

## 3M™ Reusable Respirators – Technology Innovations Over the Years:

					
<b>1977</b>	<b>1987</b>	<b>1989</b>	<b>1991</b>	<b>1992</b>	<b>1996</b>
3M offers the first reusable "Maintenance-Free" Half Facepiece Respirator	3M manufactures a "sweptback" designed cartridge for its 5000 Series Facepiece for better peripheral vision and weight distribution	3M designs and develops the "bayonet-style" cartridge connection	3M develops and incorporates a new integral filter technology in its 4000 Series Facepiece, creating a lighter weight respirator	3M develops first disc filters with loaded web filter media—the first non-woven, non-fiberglass filters	3M launches its 6000 Series Full Facepiece Respirator offering best-in-class field of view and lightweight characteristics
					
<b>2002</b>	<b>2002</b>	<b>2007</b>	<b>2009</b>	<b>2010</b>	<b>2013</b>
3M offers the first reusable "Maintenance-Free" Half Facepiece Respirator	3M introduces Cool Flow™ Valve for reduced heat and moisture in the 7500 Half Facepiece Respirator	3M develops first HF P100 nuisance OV filter. Offers lowest breathing resistance on the market	3M develops easier breathing, longer lasting 2000 Series disc filters	3M develops first Full Facepiece Respirator with Scotchgard™ coating, overmolded gaskets, and comfort head cradle	3M introduces the 6500 Half Facepiece Respirator, our lightest silicone half facepiece

# How an Organic Vapour Respirator Cartridge Works



3M makes organic vapour respirator cartridges to help reduce user exposure to many different organic vapours. To achieve this objective, respirator cartridges are filled with a material called activated carbon. Activated carbon is typically made from coal or renewable resources like wood or coconut shells. It is “activated” by heating the material in nitrogen or steam at approximate temperatures of 800 – 900°C. The resulting material has a significant number of micropores that help adsorb various organic vapours. These micropores can be measured and optimized for specific product needs and performance.



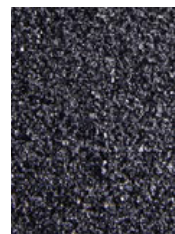
Coal or renewable resources, such as coconut shells



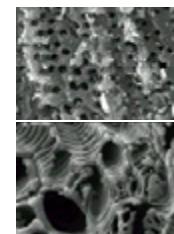
Coal or renewable resources are heated without oxygen



High-temperature steam or nitrogen activation



High-grade activated carbon



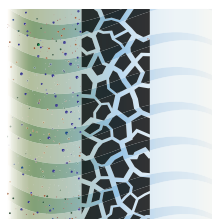
Electron micrographs of activated carbon pores

Activated carbon by itself cannot adsorb other types of gases or vapours such as acid gases, ammonia, formaldehyde, etc. In some cases, additional metals and salts are added to the carbon to selectively remove these compounds. For this reason, 3M offers a variety of cartridges and facepieces to help protect workers in different environments and satisfy personal preferences.

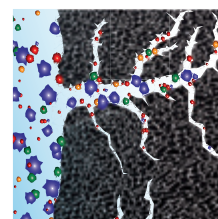
When organic vapours are drawn through an organic vapour cartridge, the air is filtered as vapours condense into the carbon pores. Vapours move through the cartridge from one pore to the next. This occurs more quickly for small volatile vapours with lower boiling points (e.g., acetone). Some migration of organic vapours can even occur during storage, so care must be taken before reusing the cartridge. The effective service life is the time until vapours begin to exit the cartridge.

Unlike particle filters, service life is not indicated by change in breathing resistance. Instead, cartridges must be changed according to local regulations; end-of-service-life indicator; taste, smell, or irritation from the contaminant; or according to 3M™ Service Life Software calculation, whichever comes first.

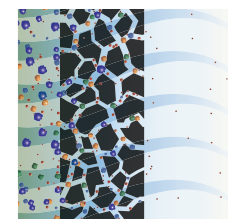
3M is committed to develop quality safety products to help protect workers.



Unfiltered organic vapours are drawn into the cartridge.



Activated carbon adsorbs organic vapours on molecular level.



Service life continues until vapours begin to escape the cartridge.

## Factors that influence service life:

- Exposure concentration
- Temperature
- Humidity (water vapour takes up space in carbon pores)
- Breathing rate

### 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 the authority having jurisdiction in your region and/or CSA Standard Z94.4 including training, fit testing and medical evaluation. Misuse may result in sickness or death. For proper use, see package instructions, supervisor, or call 3M PSD Technical Service in Canada at 1-800-267-4414.

# 3M™ Full Facepiece Respirators

## 3M™ Negative Pressure Respirators, Filters & Cartridges

The 3M™ Half and Full Facepiece Respirators use interchangeable filters and cartridges, minimizing the number of parts your facility needs to stock. They are versatile enough to meet your current and future respirator needs. These products offer unique benefits, without limiting wearer comfort. All are available in three sizes, making your respirator choice simple—3M!

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

3M's most rugged facepiece, designed to provide flexibility and durability in extreme work environments.

- Engineered to deliver maximum comfort with a wide field of view
- Features a soft, silicone nose cup and a large lens that allows for superior peripheral vision
- The only respirator with 3M's unique Scotchgard™ Protector, which helps the lens resist dirt, paint and stains, and makes it easier to clean
- 3M™ Cool Flow™ Exhalation Valve helps reduce heat and moisture buildup inside the facepiece

### Configurations include:



3M™ Air Purifying Respirator

3M™ Dual Airline Supplied Air Respirator



## 3M™ Full Facepiece 6000 Series

3M™ Full Facepiece Respirators 6000 Series, Reusable

- Wide field of vision
- Lightweight design with silicone face seal enhances comfort and improves durability
- Available in four different modes; can be used with both negative and powered and supplied-air systems
- 6700 Small / 6800 Medium / 6900 Large



## 3M™ Full Facepiece 7800S Series

- Light silicone facepiece enhances fit and improves durability
- Extra-large inhalation and exhalation valves make breathing easier
- Double-flange face seal and six adjustable straps help improve a secure fit
- 7800S-S Small / 7800S-M Medium / 7800S-L Large
- Welding Attachment Available (7990 Passive / 7991 APF)

# Reusable Respirators

## 3M™ Half Facepiece Respirators



### 3M™ Reusable Respirator 7500 Series

3M™ Half Facepiece Respirators 7500 Series, Reusable Provides Comfortable, Soft Silicone Faceseal

- Made of silicone for greater comfort and helps provide a softer feel on the face
- 3M™ Cool Flow™ Exhalation Valve for easy exhalation for cool, dry comfort; and designed to be long lasting
- Can be used in a drop down suspension by positioning the straps over the locking tabs
- Can be used with a variety of cartridges and filters that help protect against both dust and/or gas and vapour
- 7501 Small / 7502 Medium / 7503 Large



### 3M™ Reusable Respirator 6500QL Series

- Overmolded / Low-Profile Design
- Optimum fit and comfort with three-size-adjustable head cradle
- Silicone Faceseal provides comfort and stability with a soft but firm faceseal
- 3M™ Cool Flow™ Valve for Easier breathing
- 6501QL Quick Latch, Small / 6502QL Quick Latch, Medium / 6503QL Quick Latch, Large



### 3M™ 6500 Series Reusable Respirator

- Adjustable Head Harness Assembly
- 3M™ Bayonet Connection
- Overmolded / Low-Profile Design
- Optimum fit and comfort with three-size-adjustable head cradle
- Silicone Faceseal Provides comfort and stability with a soft but firm faceseal
- 3M™ Cool Flow™ Valve for Easier breathing
- Valve Cover Design
- 6501 Small / 6502 Medium / 6503 Large










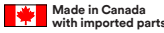

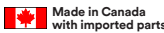
### 3M™ 6000 Series Reusable Respirator









Provides Lightweight, Easy-to-use, Economical Protection

- An economical choice
- Facepiece is made from soft, lightweight thermoplastic elastomer
- Head harness assembly and spare parts available
- 6100 Small / 6200 Medium / 6300 Large

## 3M™ Filters

Can be used with any 3M™ Reusable Full/Half Facepiece Respirator

Description	Product #	Stock #	Case Qty
 <b>P95 Filter</b> <ul style="list-style-type: none"> <li>For grinding, sanding, bagging and other dusty operations</li> </ul>	2071	7000002058	100
 <b>P95 Filter</b> <ul style="list-style-type: none"> <li>For aluminum smelting, glass etching, chemical manufacturing, hydrogen fluoride gas up to 10 times PEL</li> </ul>	2076	7000021310	100
 <b>P95 Filter</b> <ul style="list-style-type: none"> <li>For utilities operations, chemical manufacturing, aluminum smelting</li> </ul>	2078	7000052066	100
 <b>P100 Filter</b> <ul style="list-style-type: none"> <li>For welding, metal pouring, pharmaceuticals</li> </ul>	2091	7000051991	100
 <b>P100 Filter</b> <ul style="list-style-type: none"> <li>For welding, metal pouring, pharmaceuticals, utility operations, chemical manufacturing, aluminum smelting</li> <li>Nuisance level acid gas relief</li> </ul>	2096	7000002048	100
 <b>P100 Filter</b> <ul style="list-style-type: none"> <li>For welding, metal pouring, pharmaceuticals, chemical manufacturing, undercoating</li> <li>Nuisance level organic vapour relief</li> </ul>	2097	7000029657	100
 <b>P100 Filter</b> <ul style="list-style-type: none"> <li>For welding, metal pouring, pharmaceuticals</li> <li>Hard Shell</li> </ul> 	7093	7000002154	144
 <b>P100 HF Cartridge</b> <ul style="list-style-type: none"> <li>Hydrogen Fluoride (HF) Cartridge with nuisance level organic vapour and acid gas relief</li> <li>Welding, grinding, hospitals, pharmaceutical plants, abatement and mining/smelting operations</li> </ul> 	7093C	7000052600	144

Description	Product #	Stock #	Case Qty
 <b>N95 Filter</b> <ul style="list-style-type: none"> <li>For use with 6000 series cartridges</li> </ul>	5N11	7000002008	100
 <b>P95 Filter</b> <ul style="list-style-type: none"> <li>For use with 6000 series cartridges</li> </ul>	5P71	7000002054	100
 <b>Retainer</b> <ul style="list-style-type: none"> <li>For use with 5N11 or 5P71 filters</li> </ul>	501	7000001912	10
 <b>Filter Adapter</b> <ul style="list-style-type: none"> <li>For use with 2000 series and 7093/7093C to respirators 5000 series and cartridges 6000 series</li> </ul>	502	7000001931	10
 <b>Filter Adapter</b> <ul style="list-style-type: none"> <li>For use with 5N11 or 5P71 filters and 501 filter adapters</li> </ul>	603	7000029662	10
 <b>Advanced Particulate P100 Filter</b> <ul style="list-style-type: none"> <li>For mining, shipbuilding, abatement, utilities and more</li> <li>NIOSH approved for environments containing certain oil and non-oil based particles</li> </ul>	2291-P100	7000127449	100
 <b>Advanced Particulate P100 Filter</b> <ul style="list-style-type: none"> <li>NIOSH approved for environment containing certain oil and non-oil based particles</li> <li>Nuisance level acid gas relief</li> </ul>	2296-P100	7000127450	100
 <b>Advanced Particulate P100 Filter</b> <ul style="list-style-type: none"> <li>NIOSH approved for environments containing certain oil and non-oil based particles</li> <li>Nuisance level organic vapour relief</li> </ul>	2297-P100	7000127451	100

# Reusable Respirators

## 3M™ Cartridges

Can be used with any 3M™ Reusable Full/Half Facepiece Respirator

Description	Product #	Stock #	Case Qty	Description	Product #	Stock #	Case Qty
 <b>OV Cartridge</b> <ul style="list-style-type: none"> <li>For use with certain organic vapours</li> </ul>	6001	7000051851	60	 <b>OV/P100 Cartridge</b> <ul style="list-style-type: none"> <li>With P100 particulate filter</li> <li>For use with certain organic vapours</li> </ul>	60921	7000029639	60
 <b>AG Cartridge</b> <ul style="list-style-type: none"> <li>For use with chlorine, hydrogen chloride, and sulphur dioxide or chlorine dioxide or hydrogen sulfide</li> </ul>	6002	7000051850	60	 <b>AG/P100 Cartridge</b> <ul style="list-style-type: none"> <li>With P100 particulate filter</li> <li>For use with chlorine, hydrogen chloride, and sulphur dioxide or chlorine dioxide or hydrogen sulfide</li> </ul>	60922	7000126165	60
 <b>OV/AG Cartridge</b> <ul style="list-style-type: none"> <li>For use with certain organic vapours, chlorine, hydrogen chloride, and sulphur dioxide or hydrogen sulfide or hydrogen fluoride</li> </ul>	6003	7000051849	60	 <b>OV/AG/P100 Cartridge</b> <ul style="list-style-type: none"> <li>With P100 particulate filter</li> <li>For use with certain organic vapours, chlorine, hydrogen chloride, and sulphur dioxide or hydrogen sulfide or hydrogen fluoride</li> </ul>	60923	7000029640	60
 <b>AM Cartridge</b> <ul style="list-style-type: none"> <li>For use with ammonia and methylamine</li> </ul>	6004	7000001937	60	 <b>AM/P100 Cartridge</b> <ul style="list-style-type: none"> <li>With P100 particulate filter</li> <li>For use with ammonia and methylamine</li> </ul>	60924	7000051992	60
 <b>FORM Cartridge</b> <ul style="list-style-type: none"> <li>For use with formaldehyde and certain organic vapours</li> </ul>	6005	7000001936	60	 <b>FORM/P100 Cartridge</b> <ul style="list-style-type: none"> <li>With P100 particulate filter</li> <li>For use with formaldehyde and certain organic vapours</li> </ul>	60925	7000126166	60
 <b>MG Cartridge</b> <ul style="list-style-type: none"> <li>For use with certain organic vapours, chlorine, hydrogen chloride, chlorine dioxide, hydrogen sulfide, ammonia/methylamine, formaldehyde or hydrogen fluoride</li> </ul>	6006	7000002040	60	 <b>MG/P100 Cartridge</b> <ul style="list-style-type: none"> <li>With P100 particulate filter</li> <li>For use with certain organic vapours, chlorine, hydrogen chloride, chlorine dioxide, hydrogen sulfide ammonia/methylamine, formaldehyde or hydrogen fluoride</li> </ul>	60926	7000002041	60
 <b>HG Cartridge</b> <ul style="list-style-type: none"> <li>For use with mercury vapour, chlorine gas or sulphur dioxide</li> <li>End of Service Life Indicator</li> </ul>	6009S	7000128250	60	 <b>HG/P100 Cartridge</b> <ul style="list-style-type: none"> <li>With P100 particulate filter</li> <li>For use with mercury vapour, chlorine gas or sulphur dioxide</li> <li>End of Service Life Indicator</li> </ul>	60929S	7000128249	60

# 3M™ Half and Full Facepiece Respirators 6000, 6500, 7000 & FF-400 Series



Facepieces



6100 (S) (AAD#07024)  
6200 (M) (AAD#07025)  
6300 (L) (AAD#07026)



6100DD (S)  
6200DD (M)  
6300DD (L)



6501 (S), 6501QL (S)  
6502 (M), 6502QL (M)  
6503 (L), 6503QL (L)



7501 (S) (AAD#37081)  
7502 (M) (AAD#37082)  
7503 (L) (AAD#37083)



6700 (S) (AAD#07138)  
6800 (M) (AAD#07139)  
6900 (L) (AAD#07140)



6700DIN (S)  
6800DIN (M)  
6900DIN (L)

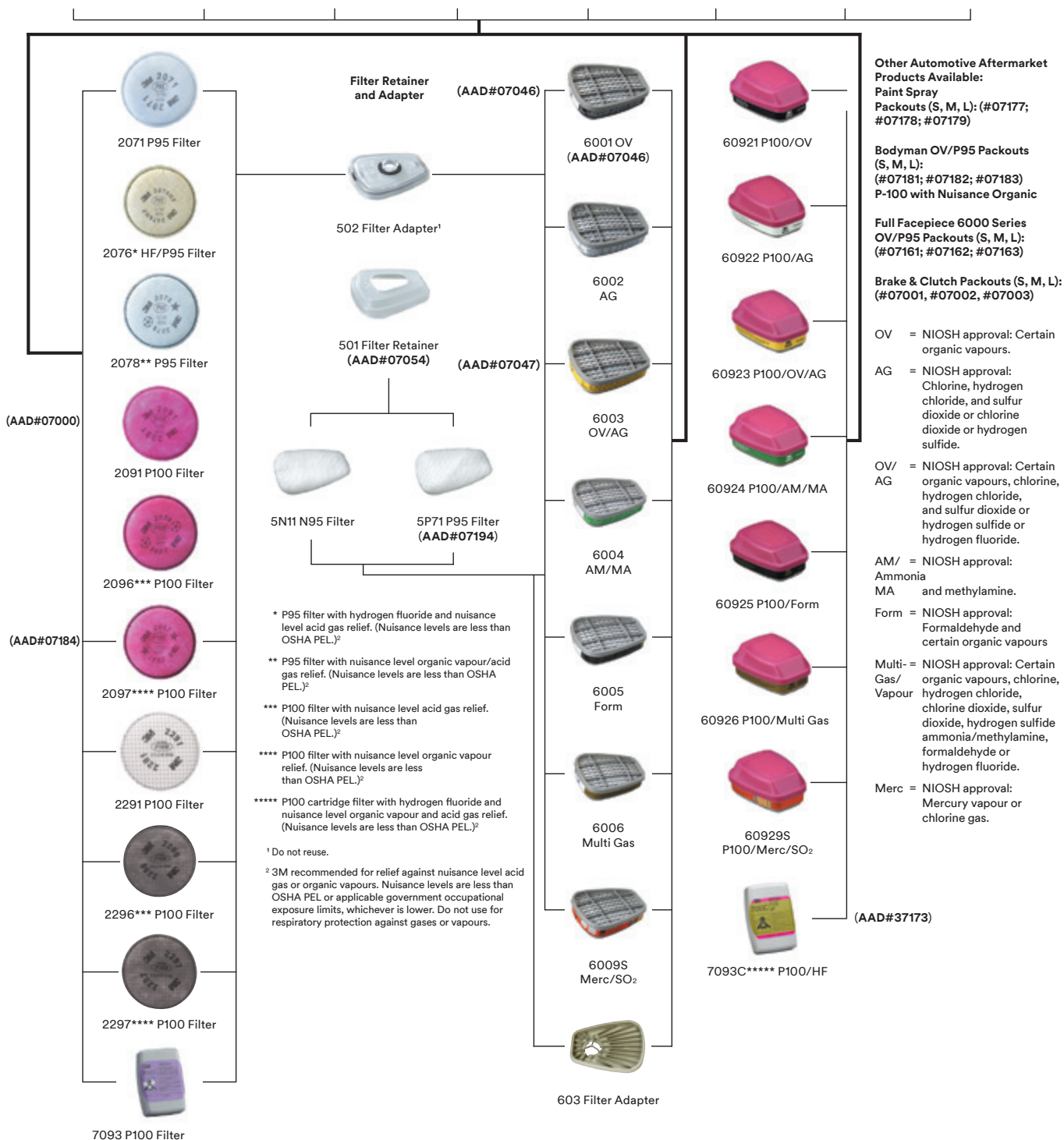


FF-401 (S)  
FF-402 (M)  
FF-403 (L)



7800S (S)  
7800S (M)  
7800S (L)

Cartridges and Filters



Reusable Respirators

# Reusable Respirators



## Respiratory Accessories

### 3M™ Full Face Respirator Accessories 6000

Product #	Stock #	Description	Case Qty
6864/37000(AAD)	7000002178	Center Adapter Assembly	5
6878/07141(AAD)	7000002031	Spectacle Kit	1
6885/07142(AAD)	7000002033	Faceshield Covers	100
6886	7000052088	Tinted Faceshield Covers	25
6889/07143(AAD)	7000002057	Exhalation Valve	10
6893	7000002049	Inhalation Valve	200
6894/37004(AAD)	7000002034	Nose Cup Assembly	5
6895/07145(AAD)	7000002050	Inhalation Gasket	80
6896	7000052122	Center Adapter Gasket	20
6897/37005(AAD)	7000002035	Head Harness Assembly	5
6898/37006(AAD)	7000002036	Lens Assembly	5
6899	7100001832	Lens/Frame Kit	5

### 3M™ Half Face Respirator Accessories 6000

Product #	Stock #	Description	Case Qty
6281	7000029677	Half Facepiece Head Strap Assembly	20

### 3M™ Half Facepiece Respirator Accessories 6500

Product #	Stock #	Description	Case Qty
6581/55886	7000128251	3M™ Rugged Comfort 6581/55886 Head Harness Assembly, Respiratory Protection System Component	20
6582QL/55887	7000128252	3M™ Rugged Comfort 6582QL/55887 Head Harness Assembly, Respiratory Protection System Component	20
6583/55888	7000128253	3M™ Rugged Comfort Exhalation Valve, 6583/55888 Respiratory Protection System Component	20

### 3M™ Full Facepiece Respirator Accessories FF-400

Product #	Stock #	Description	Case Qty
FF-400-01	7000052734	Buckle	30
FF-400-02	7000052735	Button	30
FF-400-03	7100009686	Lens Replacement	5
FF-400-04	7100003369	Head Harness	5
FF-400-05	7000052736	Lens Frame Assembly	5
FF-400-06	7000052737	Comfort Cradle Head Harness Attachment	5
FF-400-07	7000052738	Exhalation Valve Assembly	5
FF-400-09	7000052740	Exhalation Valve Cover	5
FF-400-10	7000029957	Solid Exhalation Valve Cover	5
FF-400-11	7000052741	Nose Cup Assembly	5
FF-400-13	7000052742	Speaking Diaphragm Assembly	5
FF-400-15	7000029958	Lens Cover	100
FF-400-17	7000029959	Semi-Permanent Lens Protector	20
FF-400-25	7000052878	Storage Bag	10

### 3M™ Half Face Respirator Accessories 7500

Product #	Stock #	Description	Case Qty
7581	7000002157	Head Harness Assembly	20
7582	7000002158	5/Bag	20
7583	7000002159	Inhalation Valve	10

### 3M™ Respirator Cleaning Wipe 504

Product #	Stock #	Description	Case Qty
504	7000001938	Respirator Cleaning Wipe, Alcohol-Free	500

Other accessories available please contact the 3M Canada Safety Centre for more information at 1-800-267-4414

# 3M Has Your Face COVERED

**It's that easy.**

**3M offers a complete collection of half and full face reusable respirators for competitive trade out.**



3M™ Half Facepiece  
Reusable Respirator  
6000 Series



3M™ Half Facepiece  
Reusable Respirator  
6500 Series  
*with Quick Latch Option*



3M™ Half Facepiece  
Reusable Respirator  
7500 Series

**TRADE OUT  
YOUR CURRENT  
FACEPIECE FOR  
ANY NEW 3M™  
REUSABLE  
RESPIRATOR**

**FREE!†**



3M™ Full Facepiece  
Reusable Respirator  
6000 Series



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



3M™ Full Facepiece  
Reusable Respirator  
7800 Series

**Fit testing and training support is also available;  
as well as the technical expertise offered by the  
3M Canada Safety Centre. Go to [3M.ca/TradeOut](https://www.3m.ca/TradeOut)**

3M reserves the right to discontinue or terminate this offer at any time. 3M reserves the right to issue the 6501-QL/6502-QL/6503-QL Half Facepiece Respirator sample or Sample bag to those who complete the web request form and qualify for the respiratory trade-out program. No purchase necessary. No substitutions, refunds, transfers, or cash equivalent payments will be allowed. One sample per person and/or residential address. Please allow 2-4 weeks for delivery. 3M is not liable for undelivered packages. A maximum of 1000 samples will be distributed. 3M We will only use this information to respond to your requests and interests and as further described in our Privacy Policy.

**3M**



# Powered and Supplied Air

Ergonomic design providing comfort and ease of use over extended periods of time. We've got your back, but you won't feel it.

# Experience maximum flexibility as you move from one job to the next

## New Levels of Comfort and Simplicity

3M offers an extensive and flexible range of powered and supplied air respirators developed for a wide range of environments, applications and hazards.

These respiratory protective systems offer comfortable, integrated protection against multiple hazards providing respiratory, head, face, eye and hearing protection. Their ease-of-use can improve productivity in the workplace.

- 1 All 3M™ Versaflo™ Brand Products are light-weight, compact and well-balanced
- 2 Two-position adjustable airflow feature distributes air where the user wants
- 3 Multiple size adjustment options allow for a comfortable fit
- 4 Equipped with automatic flow control, low battery alarm, and low flow alarm
- 5 QRS (Quick Release Swivel) breathing tubes allow fast and easy connection
- 6 Provides excellent peripheral and downward vision
- 7 Easily removable parts allow simple cleaning, maintenance and replacement
- 8 The air inlet draws air from the bottom of the unit, allowing the wearer to sit without blocking the airflow intake
- 9 Air filtration of common particulates with carbon monoxide/oxygen monitoring
- 10 Capacity of 100CFM with low back pressure



PAPR and Supplied Air respirator assemblies are designed to be used with the components listed on the approval label to form a complete National Institute of Occupational Safety and Health (NIOSH) approved respiratory system.

## 3M™ Versaflo™ Powered Air Purifying Respirators TR-300 Lighter and Smaller

The 3M™ Versaflo™ PAPR TR-300 is significantly lighter and thinner than past generations of 3M™ Belt-Mounted PAPR units. It also keeps its light weight close to the user's back, reducing the leverage effect that can cause PAPRs to feel heavier. The slim profile is designed for use in tight spaces, and its smooth, contoured outer surfaces are less prone to snagging on nearby objects.



### Easy to Use

- Simple, one-button operation
- Two types of alarms — one audible and one LED— alert the user to either a low battery or low airflow, such as when a particle filter is fully loaded

### Straightforward Maintenance

- The battery and filter can be changed quickly and easily by hand without the use of tools
- The belt and blower unit have smooth outer surfaces, facilitating fast wipe downs for easier cleaning



## Reliable Protection

- Sophisticated electronics keep the factory-calibrated airflow at a nominal 190 lpm (6.7 cfm)



### Intelligent Power

- The lightweight lithium ion battery quickly charges and has no memory effect or heavy metals
- Intelligent chargers help maintain the optimum battery performance and are available in single-station or four-station configurations

## Designed for Optimal Usability

- The air inlet design helps make sitting possible without compromising the airflow intake
- A window on the filter cover allows easy identification of the installed filter
- LED lights on the battery itself indicate its charge status on and off the charger
- Intuitive user interface — blue components represent user interface points (i.e. power button, filter cover, battery release)
- Several belt or backpack options available



Technical Specifications	TR-332 High Capacity Battery	TR-330 Economy Battery
Battery Life (with new filter and fully charged battery)	Approximately 4-6 hours*	Approximately 8 -12 hours*
Charging Time	<3.5 hours	<3.0 hours
Flow Rate	Nominal 190 LPM (6.7 CFM)	
Weight (includes belt, filter, battery, and filter cover)	Approx. 2.4 lbs (1077 g)	Approx. 2.0 lbs (918 g)
Size	Approx. 7.875 × 8.25 × 3.375 inches (197 × 210 × 85 mm)	Approx. 7.875 × 7.5 × 3.375 inches (197 × 190 × 85 mm)
Operating Altitude	For altitudes above 2,600 feet (800 m), contact 3M	
CSA Assigned Protection Factor (APF)	APF of 25 or 1000 depending on the headgear combination	
Regulatory Approvals	The 3M™ Versaflo TR-300 PAPR assemblies are designed to be used with the 3M™ Headgear listed on the approval label to form a complete National Institute of Occupational Safety and Health (NIOSH) approved respiratory system	

\*Estimated system run time based on testing with a new battery and a new clean filter at 20°C (68°F). Actual system run time may be extended or shortened depending on system configuration and environment.

# 3M™ Versaflo™ Belt-Mounted Combinations TR-300



Headgear

Breathing Tube



Powered and Supplied Air

## TR-300 Particulate PAPR

- TR-300-HIK** TR-306N, BT-40 Breathing Tube & M-307 Respiratory Hard Hat
- TR-300-ECK** TR-307N, BT-30 Breathing Tube and S-655 Hood
- TR-300-HKL** TR-307N, BT-30 Breathing Tube and S-133L Hood and Storage Bag
- TR-300-HKL** TR-307N, BT-30 Breathing Tube and S-133S Hood and Storage Bag

## Filters

- TR-3712N** Particulate Filter
- TR-3600** Optional Prefilter, S-Series, H-Series Hoods/Headcovers only
- TR-362** Spark Arrestor/Prefilter, M-Series, L-SG Only
- TR-3600** Prefilter
- TR-362** Spark Arrestor
- TR-325** Standard Belt
- TR-326** High Durability Belt
- TR-327** Easy Clean Belt
- TR-371** Filter Cover
- TR-970** Air Flow Indicator
- BPK-01** Backpack
- BT-926** High Temperature Breathing Tube Cover
- BT-922** Clear Breathing Tube Cover

## Batteries & Chargers

- TR-330** Economy Battery
- TR-332** High Capacity Battery
- TR-341N** Single Station Battery Charger Kit
- TR-344N** 4-Station Battery Charger Kit
- TR-340** Battery Charger Cradle
- TR-941N** Single Station Power Supply
- TR-944N** 4-Station Power Supply

## WARNING

These respirators help reduce exposure to certain airborne contaminants. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance. Use only in accordance with operating and maintenance manuals and the requirements of the authority having jurisdiction in your area. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons may adversely affect product performance and result in sickness or death. For proper use, each person must first read and understand the operator's manual. For assistance call the 3M Canada Technical Service Centre at 1-800-267-4414.

## 3M™ Versaflo™ Powered Air Purifying Respirators TR-600

### Protection

The evolutionary 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 reaches new heights of performance with a lithium-ion battery, adjustable airflow options, and an expanded range of NIOSH approved filters and cartridges to help protect against hazards like particulates, organic vapours and acid gases. All this, with the compatibility of 3M™ Versaflo™ Respirator Systems family of products offering available integrated protection for eye, head, hearing, face, skin and respiratory protection.



### Versatility

Since every work environment presents a unique set of needs and challenges, customized solutions are a must. The TR-600 is designed to be compatible with multiple configurations of headtops, breathing tubes, batteries, filters,

cartridges and more. Choose a system configuration that meets your prioritized needs addressing comfort, cost and performance.

### Endurance

The 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 is available with two battery options designed to be both efficient and intuitive. With battery performance lasting between 7 and 19 hours, TR-600 users have long run time. This ultimately results in reduced downtime and increased productivity. Along with power, the battery's on-board fuel gauge helps you to make sure you are always prepared and getting the most out of the battery while on the job.

- LED indicators on the turbo indicate battery charge level, particulate filter loading status and airflow setting
- Low flow and low battery alarms:
  - Visual, Audible and Vibratory
- On-battery fuel gauge
- Vibratory, audible and visual alarms assure you can hear, see and feel when your PAPR has low-charge or low-flow



### Comfort

Our powered air purifying respirator systems are designed to endure heavy use and long wear. Workers need a system that keeps them comfortable and protected for their entire day on the job. The robust, lightweight designed 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 has been thoughtfully engineered for comfort – even for the longest shifts.

- Multiple airflow rate options for user comfort (6.5, 7.2 or 8 CFM)
- Ergonomically designed to fit close to the body and allow for greater movement in tight work spaces
- Multiple belt size adjustments and extenders for proper fit and comfort
- Belt designed with flexible air channels to help minimize heat build-up and provide wide, comfortable support



### Ease of Use

The 3M™ Versaflo™ Powered Air Purifying Respirator TR-600 features a user-friendly design with intuitive, coloured interactive touch points and visual, vibratory and audible low-flow and low-battery indicators. This lightweight, product features a smooth surface design that's quick and easy to clean and decontaminate.

- Easy tool-free maintenance
- Versaflo blue touch points throughout
- Low-flow and low-battery alarms
- Battery charge and particulate filter loading status indicators
- Meets IP53 rating while in use in decontamination shower. Filter cover must be installed
- Meets IP67 rating with the TR-653 cleaning and storage plugs installed. Use of the TR-653 allows the blower and batteries to be rinsed or submerged for cleaning



## 3M™ Versaflo™ Belt-Mounted Combinations TR-600



### Filters/Cartridges/Prefilters

<b>TR-6710N</b>	HE
<b>TR-6510N</b>	HE/OV
<b>TR-6320N</b>	HE/AG
<b>TR-6530N</b>	HE/OV/AG/HF
<b>TR-6350N</b>	HE/Formaldehyde
<b>TR-6360N</b>	HE/Ammonia/ Methylamine
<b>TR-6600</b>	Prefilter, TR-626 Spark Arrestor/Pre-filter

### Filter Covers

<b>TR-6300FC</b>	Cover for TR-6300 Series Cartridges
<b>TR-6500FC</b>	Cover for TR-6500 Series Cartridges
<b>TR-6700FC</b>	Cover for TR-6700 Series Filters
<b>Accessories</b>	
<b>TR-651</b>	Filter Latch Assembly
<b>TR-653</b>	Cleaning and Storage Kit
<b>TR-654</b>	Replacement Seals for TR-653
<b>655</b>	Backpack Adaptor
<b>TR-630</b>	Standard Capacity Battery

<b>TR-632</b>	High Capacity Battery
<b>TR-641N</b>	Single Charger Kit
<b>TR-644N</b>	4-Station Charger Kit
<b>TR-626</b>	High Durability Belt
<b>TR-626X</b>	High Durability Extender
<b>TR-627</b>	Easy Clean Belt
<b>TR-627X</b>	Easy Clean Extender
<b>TR-971</b>	Air Flow Indicator
<b>BT-926</b>	High Temperature Breathing Tube Cover
<b>BT-922</b>	Clear Breathing Tube Cover

### WARNING

These respirators help reduce exposure to certain airborne contaminants. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance. Use only in accordance with operating and maintenance manuals and the requirements of the authority having jurisdiction in your area. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons may adversely affect product performance and result in sickness or death. For proper use, each person must first read and understand the operator's manual. For assistance call the 3M Canada Technical Service Centre at 1-800-267-4414.

# Breathe IN THE FUTURE



## HEADTOP OPTIONS

Providing a multitude  
of headtop options  
with more coming.



## ERGONOMICALLY DESIGNED

The unit is thin and close  
to the body.

## SLIM

## CARTRIDGE OPTIONS

Broad range of gas/vapour  
cartridge options. Can also  
be used with or without a  
filter cover.

## QUICK RELEASE SWIVEL

Connects quickly to the  
headgear and swivels to  
minimize loops and kinks  
in the breathing tube.

## 3M™ QUICK RELEASE SWIVEL CONNECTION



## USER INTERFACE

Easily shows battery status,  
filter loading and airflow  
level. Visual, audible and  
vibratory alarms for low flow,  
low battery.



## BATTERY LIFE

Run-time of 7-19 hours  
depending on setup and  
air speed.

3M.ca/TR-600

## 3M™ Versaflo™ Headtops M-Series

3M™ Versaflo™ Headtops M-Series offers dependable protection, exceptional comfort and ease of use. The headgear is lightweight, compact, and easy to maintain while helping to provide the wearer with protection from a range of hazards. Their versatility makes them suitable for many applications.

### Adjustable Airflow

A built-in air deflector allows users to direct the location of the airflow inside the headgear for increased control and comfort.

### Easily Adjustable Suspension

Featuring an articulating ratchet suspension, M-Series products can be easily adjusted for the comfort of each individual user. The smooth ratchet mechanism allows for precise tightening control.

### Modern, Well-Balanced, Comfortable Design

Versaflo™ M-Series headgear is lightweight with excellent balance. The suspension includes six-point textile straps (four-point straps for 3M™ Versaflo™ Faceshield M-100) for optimal fit and weight distribution.



### Easy Maintenance

Easily removable parts allow simple cleaning, maintenance and replacement.

### Clear Visor

Our latest visor design combines excellent peripheral and downward vision with good optical clarity. The coated visor option provides added chemical and scratch resistance. Peel-offs are available to extend the life of the visor.

### Versatility

To suit a wide range of needs, industries and applications, Versaflo M-Series headgear offers faceshields, covers and shrouds in a variety of fabrics. Accessories include earmuffs, peel-offs, and a chin strap.



Product #	Stock #	Description	Case Qty
M-105	7000030011	3M™ Versaflo™ Faceshield Assembly with Standard Visor and Face Seal	1
M-107	7000127599	3M™ Versaflo™ Faceshield Assembly with Premium Visor and Face Seal	1
M-205	Coming Soon	3M™ Versaflo™ Bumpcap Assembly with Standard Visor and Face Seal	1
M-206	Coming Soon	3M™ Versaflo™ Bumpcap Assembly with	1
M-207	Coming Soon	3M™ Versaflo™ Bumpcap Assembly with Premium Visor and Face Seal	1
M-305	Coming Soon	3M™ Versaflo™ Hard Hat Assembly with Standard Visor and Face Seal	1
M-307	7000052874	3M™ Versaflo™ Hard Hat Assembly with Premium Visor and Face Seal	1
M-405	7100009447	3M™ Versaflo™ Helmet Assembly with Standard Visor and Face Seal	1
M-407	7000002395	3M™ Versaflo™ Helmet Assembly with Premium Visor and Flame Resistant Shroud	1
<b>M-Series Accessories</b>			
M-925	7000127690	3M™ Versaflo™ Standard Visor M-925	5
M-926	7000127689	3M™ Versaflo™ Peel-Off Visor Covers M-926 for M-925 Standard Visor	40
M-927	7000052876	3M™ Versaflo™ Premium Visor M-927	5
M-928	7000030029	3M™ Versaflo™ Peel-Off Visor Covers M-928 for M-927 Premium Visor	40
M-935	7000127691	3M™ Versaflo™ Standard Face Seal M-935	5
M-936	7000127692	3M™ Versaflo™ Comfort Face Seal M-936	5
M-937	7000002386	3M™ Versaflo™ M-Series Flame Resistant Face Seal M-937	5
M-957	7100043088	3M™ Versaflo™ Forehead Comfort Pad/Sweat Pad M-957	10
M-972	7000052877	3M™ Versaflo™ Flame Resistant Headgear Cover M-972	1
M-976	7000030015	3M™ Versaflo™ Head, Neck and Shoulder Cover, M-976	1
M-985	7100004873	3M™ Peltor™ Earmuff Assembly M-985 for 3M™ Versaflo™ M-100 and M-300 Products	1
M-444	7000127683	3M™ Versaflo™ Inner Collar M-444, for use with all M-Series Outer Shrouds	1
M-445	7000127684	3M™ Versaflo™ Standard Outer Shroud M-445	1
M-446	7000127685	3M™ Versaflo™ Comfort Outer Shroud M-446	1
M-447	7100001830	3M™ Versaflo™ Flame Resistant Outer Shroud M-447	1
M-448	Made to Order	3M™ Versaflo™ High Durability Outer Shroud M-448	1



## 3M™ Versaflo Hoods and Headcovers S-Series—Advantages

### Easier To Breathe

With powered and supplied air respirators, the breathing effort increases wearer comfort at all times but is especially important during periods of strenuous labour.

### Excellent Airflow

S-Series hoods and headcovers direct a comfortable stream of air into the headgear. The moving airflow may make hot environments more tolerable while reducing visor fogging. When used with an approved 3M™ Supplied Air Regulator, the compressed air can be made cooler or warmer by up to 28°C (50°F) for additional comfort.

### Sleek Shape

The design of the hoods and headcovers more closely profiles the wearer's head for a more streamlined appearance as compared to other designs that tend to "peak."

### Fast Assembly

All S-Series compatible breathing tubes feature the innovative 3M™ Quick Release Swivel (QRS) connection. Simply push the QRS end of the breathing tube into the air inlet of the headgear until it snaps into place. The breathing tube can be quickly removed with only one hand by squeezing the breathing tube clips.

### Assigned Protection Factor –APF

The Assigned Protection Factor (APF) is the level of respiratory protection that a respirator or class of respirators is expected to provide. Loose-fitting facepieces/visors have an APF of 25 while hoods/helmets have an APF of 1000. Respirator manufacturers are required to complete testing and provide evidence where an APF of 1000 is claimed. This is accomplished by performing a Workplace Protection Factor Study (WPFS) or Simulated WPFS or equivalent testing. Absent such testing, all other PAPRs and SARs with helmets/hoods are to be treated as loose-fitting facepiece/visor respirators, and receive an APF of 25.

## Economy

Integrated suspension hoods and headcovers feature wide face seals with soft elastic for improved comfort and reduced air flow noise. Choose the ready-to-use integrated suspension models for applications where assembly would be too time consuming or impractical.



## Premium Reusable Suspension Hoods

Premium reusable suspension hoods can be a very cost-effective choice for some high disposal rate environments — just the soiled hood fabric is replaced, while the suspension and air ducting can be reused. Based on a computer modeling of a worldwide sampling of head sizes, the S-Series suspensions, through their sizing and adjustment options, will comfortably fit more wearers than previous models.

### Premium-Only Features:

- The reusable suspension's rigid ducting provides a consistent air path
- An externally-adjustable airflow control allows wearers to modify the airflow distribution to suit personal comfort needs
- While wearing the reusable hood, the airflow may be directed primarily to the front visor or split to provide more airflow to the top of the head
- The suspension has independent adjustments for the crown and head circumference, allowing a comfortable, custom fit for a wide range of head sizes
- An optional size-reducing comfort pad is provided to further extend the range of compatible head sizes

# 3M™ Powered Air Purifying Respirators GVP-Series

## Features and Benefits

- High levels of airflow surpass NIOSH requirements, meaning additional comfort for the worker
- Long-life motor
- Available with intrinsically safe NiCd or fast charging NiMH batteries
- Batteries provides eight hours of service per charge. A light indicates when the battery needs charging
- Optional comfort belt offers easier assembly of PAPR components. This belt simplifies removal of components for cleaning and battery charging. One size fits most. (Adjustable 26" to 54")
- Can be used in applications where electromagnetic fields are a concern.



# 3M™ Breathe-Easy Powered Air Purifying Respirators

## Features and Benefits

- These lightweight systems are comfortable and ideal for long periods of wear
- Use rechargeable NiMH, NiCd or disposable lithium battery (10-year shelf-life)
- Canisters, cartridges and filters are available for a variety of contaminants



## Breathe Easy Turbo PAPR Assembly

- Draws ambient air through the filter/cartridge/canister and supplies filtered air through the breathing tube to the headpiece
- Full shift performance
- Fully charged batteries provide power up to 8 hours
- This belt-mounted unit distributes weight comfortably for long periods of use
- A variety of loose fitting and tight fitting headtop options are available

# Powered and Supplied Air

## 3M™ GVP-Series Belt-Mounted Combinations



### Respiratory Faceshields



M-105



M-107



M-305



M-307



M-405



M-407



L-901SG



L-905SG-F

L-901SG, L-705SG, L-705SG-F, L-905SG, L-905SG-F

### Respiratory Hard Hats

### Respiratory Helmets

### Integrated Suspension



S-103S White, S/M  
S-103L White, M/L



S-133S White, S/M  
S-133L White, M/L



S-403S White, S/M  
S-403L White, M/L



S-433S White, S/M  
S-433L White, M/L

### Premium Suspension



S-655 Hood Assembly  
w/inner collar

S-657 Hood Assembly  
w/inner shroud

S-533S High Durability, S/M  
S-533L High Durability, M/L

S-757 Painter's Hood  
Assembly w/inner shroud

S-855 Sealed Seam  
Hood Assembly w/collar

S-857 Sealed Seam Hood  
Assembly w/inner shroud

### Hoods



H-412  
H-421  
H-422



H-611  
H-612



6700DIN (S)  
6800DIN (M)  
6900DIN (L)



7800S (S)\*\*  
7800S (M)\*\*  
7800S (L)\*\*

### QRS Connection



BT-20S\* / 37309  
Small/Medium



V-199\* Adapter  
37069



BT-20L\* / 37310  
Medium/Large



BT-30, BT-40



S-955 Adapter Premium  
Head Suspension



L-122



H-115



GVP-122



GVP-123

\*One V-199 Adapter is included with each BT Breathing Tube. \*\*Clip-on Welding Shield also available.

### GVP Cartridges/Filters

Part #	Description
GVP-401	Organic Vapour (OV)
GVP-402	Chlorine/Hydrogen Chloride/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Fluoride (AG)
GVP-403	Organic Vapour/Chlorine/Hydrogen Chloride/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Fluoride/Hydrogen Sulfide (OV/AG)
GVP-404	Ammonia/Methylamine (AM/MA)
GVP-405	Formaldehyde (FM)
GVP-440	High Efficiency Particulate (HE)
GVP-441	Organic Vapour/HE (OV/HE)
GVP-442	Chlorine/Hydrogen Chloride/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Fluoride/HE (AG/HE)
GVP-443	Organic Vapour/Chlorine/Hydrogen Chloride/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Fluoride/Hydrogen Sulfide/HE (OV/AG/HE)
GVP-444	Ammonia/Methylamine/HE (AM/MA/HE)
GVP-445	Formaldehyde/HE (FM/HE)

### GVP Powered Air Purifying Respirators



#### NiCd Battery

GVP-1 — Standard Belt  
GVP-1U — Urethane Belt  
GVP-CB — Comfort Belt  
GVP-111 — Battery Pack  
is intrinsically safe]

GVP-1 includes all components:  
GVP-100 Motor Blower  
GVP-110 Power Cord  
GVP-111 Battery Pack - NiCd  
GVP-112 Battery Charger  
GVP-113 Flow Meter  
GVP-115 Blower Plugs  
GVP-127 Waist Belt  
L-181 Flow Meter Adapter



#### NiMH Battery

GVP-1NiMH — Standard Belt  
GVP-1UNiMH — Urethane Belt  
GVP-CBNiMH — Comfort Belt

GVP-1 NiMH includes all components:  
GVP-100 Motor Blower  
GVP-210 Power Cord  
BP-15 Battery Pack - NiMH  
BC-210 Smart Battery Charger  
GVP-113 Flow Meter  
GVP-115 Blower Plugs  
GVP-127 Waist Belt  
L-181 Flow Meter Adapter

Headgear

Breathing Tube

Cartridges/Filters

### WARNING

These respirators help reduce exposure to certain airborne contaminants. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance. Use only in accordance with operating and maintenance manuals and the requirements of the authority having jurisdiction in your area. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons may adversely affect product performance and result in sickness or death. For proper use, each person must first read and understand the operator's manual. For assistance call the 3M Canada Technical Service Centre at 1-800-267-4414.

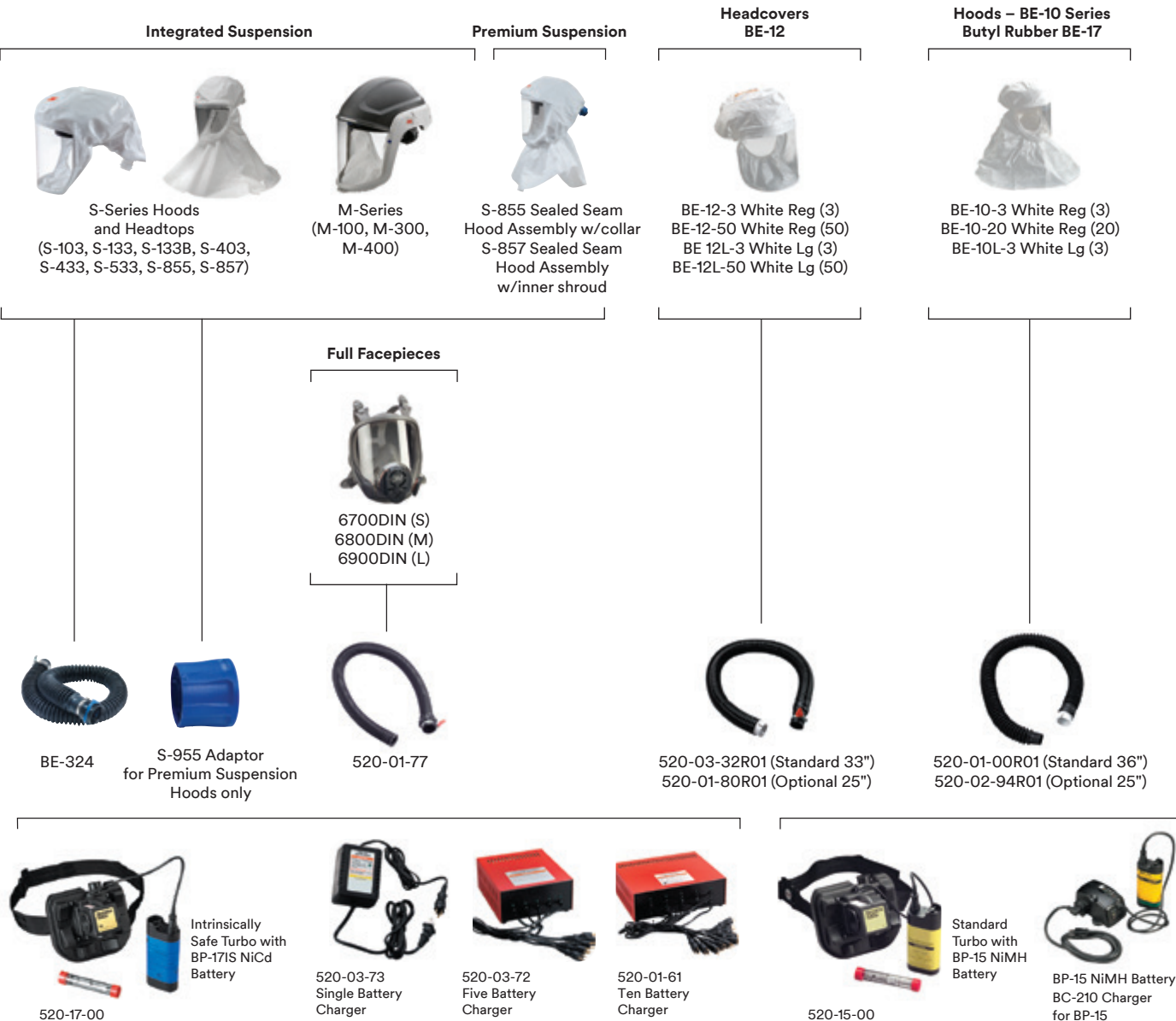
# 3M™ Breathe-Easy Belt-Mounted Combinations

Headgear

Breathing Tube

Turbo PAPR Assembly

Cartridges/Filters



**Cartridges/Filters for 520-17-00**

Part #	Description
456-00-01R06	Organic Vapour (OV) (A)
456-03-01R06	Organic Vapour/Chlorine/Hydrogen Chloride/Sulfur Dioxide (OV/AG) (AE)
456-02-01R06	Chlorine/Hydrogen Chloride/Sulfur Dioxide/Formaldehyde (AG/FM) (E)
456-01-01R06	Ammonia/Methylamine (AM/MA) (K)
456-00-01R12	High Efficiency Particulate (HE) (P3)

**Cartridges/Filters for 520-15-00**

Part #	Description
456-00-01R06	Organic Vapour (OV) (A)
456-03-01R06	Organic Vapour/Chlorine/Hydrogen Chloride/Sulfur Dioxide (OV/AG) (AE)
456-02-01R06	Chlorine/Hydrogen Chloride/Sulfur Dioxide/Formaldehyde (AG/FM) (E)
456-01-01R06	Ammonia/Methylamine (AM/MA) (K)
456-00-01R12	High Efficiency Particulate (HE) (P3)
453-00-01R06	Organic Vapour/HE (OV/HE) (AP3)
453-03-01R06	Organic Vapour/Chlorine/Hydrogen Chloride/Sulfur Dioxide /HE (OV/AG/HE) (AEP3)
453-07-01R06	Organic Vapour/Sulfur Dioxide/Hydrogen Fluoride/HE (OV/HF/AG/HE) (ALP3)
453-01-01R06	Chlorine/Hydrogen Chloride/Sulfur Dioxide/Formaldehyde/HE (AG/FM/HE) (EP3)
453-02-01R06	Ammonia/Methylamine/HE (AM/MA/HE) (KP3)
453-03-02R06	FR-57 (Approved with BE-10, BE-10BR, 6000 series, S-433, S-533, S-805, S-807)
453-03-03R06	FR-40 (Approved with 6000 only)
BE-10BR	(Approved only with AP3, AEP3, FR-57)
BE-17	

**WARNING** These respirators help reduce exposure to certain airborne contaminants. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance. Use only in accordance with operating and maintenance manuals and the requirements of the authority having jurisdiction in your area. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons may adversely affect product performance and result in sickness or death. For proper use, each person must first read and understand the operator's manual. For assistance call the 3M Canada Technical Service Centre at 1-800-267-4414.

Powered and Supplied Air

# Powered and Supplied Air

## 3M™ Head-Mounted Powered Air Purifying Respirators



(AS-600LBC)

### 3M™ Airstream™ Powered Air Purifying Respirators AS-400LBC

- Eight-hour battery
- Intrinsically safe
- Lightweight and well-balanced
- High efficiency filter
- Includes standard visor 522-010-01R01
- Meets the requirements of ANSI Z89.1-2003 Type I, Class C for Industrial Head Protection. Meets the requirements of ANSI Z87.1-2003 for Industrial Eye and Face Protection

### 3M™ Airstream™ Powered Air Purifying Respirators AS-600LBC

- Miner's model
- Eight-hour battery
- Intrinsically safe
- Lightweight and well-balanced
- High efficiency filter
- Includes anti-fog/anti-scratch visor AS-131
- Meets the requirements of ANSI Z89.1-2003 Type I, Class C for Industrial Head Protection. Meets the requirements of ANSI Z87.1-2003 for Industrial Eye and Face Protection

## 3M™ Face-Mounted Powered Air Purifying Respirators



### 3M™ Powerflow™ Powered Air Purifying Respirators 6800PF (Medium) and 6900PF (Large)

- Face-mounted PAPRs provide increased cooling and wearer comfort that may help improve productivity
- The product is ideally designed for abatement and remediation work
- Approved for use with high efficiency particulate filter only
- Intrinsically safe 8-hr battery
- Meets the requirements of ANSI Z87.1-2003 for Industrial Eye and Face Protection

### Battery Chargers



Single Battery Charger  
520-03-73



Five Battery Charger  
520-03-72



Ten Battery Charger  
520-01-61

### AS-400LBC Kit includes one each of the following:



Motor Housing  
Assembly  
AS-115



Battery  
Pack  
520-01-02R01



Pre-Filter  
AS-120-10



Airflow  
Indicator  
061-44-01R01



HEPA  
Filter  
AS-140 -25/5



Visor  
522-01-01R10



Faceseal  
527-01-15R10

### 6800 PF Powerflow™ Kit



Hepa Filter  
450-01-01R20



Flow Meter  
520-01-21



Powerflow™  
Replacement  
Motor Blower  
Assembly  
024-00-02R01



Battery Charger  
521-01-43R01



Full Facepiece  
6800DIN



NiCd Battery  
BP-17IS

AS-400LBC and AS-600LBC kits do not include a battery charger.

### ⚠ WARNING

These respirators help reduce exposure to certain airborne contaminants. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance. Use only in accordance with operating and maintenance manuals and the requirements of the authority having jurisdiction in your area. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons may adversely affect product performance and result in sickness or death. For proper use, each person must first read and understand the operator's manual. For assistance call the 3M Canada Technical Service Centre at 1-800-267-4414.

# 3M™ Versaflo™ AP-600 Series Air Filtration Panels (AFP)

Air Filtration Panels are used to control the pressure of air delivered to a supplied air respirator and remove certain contaminants from compressed air to make it safer to breathe\*.

## All AP-600 Series AFPs include these features:

- Air pressure regulator and gauge
- Removal of common contaminants from compressed plant air including: oil mist, particulates, water, and nuisance level organic vapours
- 100 CFM / 2830 lpm capacity
- Low pressure drop
- Easy maintenance to save time, money and effort
- Low daily operating cost
- Light Weight at < 10 Kg
- Small Size: 15.9" high x 12.8" deep x 11.8" wide

The AP-602 filtration panels are equipped with an in-line carbon monoxide and oxygen monitor.



## Air Filtration Panels

AFP Model #	Stock #	Capacity (CFM / lpm)	CO/O <sub>2</sub> Monitor	Nuisance Odour Removal	Case Qty
AP-601	7000135565	100/2830	No	Yes	1
AP-602	7000135567	100/2830	Yes	Yes	1

## Replacement Parts and Accessories

Product #	Stock #	Category	Description	Case Qty
AP-611-1	7000136658	Consumable	Cartridge: Particulate/Mist and Nuisance Odour	1
AP-621-1	7000135570	Accessory	Carbon Monoxide and Oxygen Monitor	1
AP-622-1	7000135572	Accessory	Air Panel Cover, Clear Plastic	1
AP-623-1	7000135573	Accessory	Air Panel Cover, Travel Case	1
AP-624-1	7000135574	Accessory	AC Adaptor for AP-621-1 Monitor	1
AP-625-1	7000135934	Accessory	AP-600 Rigid Case (Travel)	1
AP-626-1	7000135935	Accessory	Painter's Kit	1
AP-631-1	7000135571	Spare Part	Replacement filter bowl with Auto-drain and O-ring	1
AP-632-5	7000148936	Spare Part	Replacement O-ring	5
AP-635-1	7000135692	Spare Part	Replacement gas sensors; CO/O <sub>2</sub> , 1 pair/case	1
AP-637-1	7000135569	Spare Part	Replacement Handle for AP-600 Panels	1
AP-638-4	7000148933	Spare Part	Replacement Casters for AP-600 Panels	4
AP-639-1	7100064144	Spare Part	Replacement Spanner Wrench for AP-600 Panels	1



## WARNING

These respirators help reduce exposure to certain airborne contaminants. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons, or use not in accordance with the instructions, may adversely affect product performance and result in sickness or death. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance, and only in accordance with their operating and maintenance manuals. For proper use, each person using these products must first read and understand the operator's manual. See supervisor for assistance or call the 3M Canada Service & Technical Service Centre at 1-800-267-4414.

# Powered and Supplied Air

## 3M™ High Pressure Loose Fitting Supplied Air Respirators



Headgear

### Respiratory Faceshields



9100 Air  
25-0099-35SW

9100FX Air  
26-0099-35SW

M-105

M-107

### Respiratory Hard Hats



M-305

M-307

9100 MP  
27-0099-35SW

### Respiratory Helmets



M-405

M-407

L-901SG

L-905SG-F

### Integrated Suspension



S-103S White, S/M  
S-103L White, M/L

S-133S White, S/M  
S-133L White, M/L  
S-133SB Blue, S/M  
S-133LB Blue, M/L

S-403S White, S/M  
S-403L White, M/L

S-433S White, S/M  
S-433L White, M/L  
S-533S  
High Durability, S/M  
S-533L High Durability, M/L

### Premium Suspension



S-655 Hood Assembly w/inner collar  
S-657 Hood Assembly w/inner shroud  
S-757 Painter's Hood Assembly  
w/inner shroud  
S-855 Sealed Seam Hood  
Assembly w/collar  
S-857 Sealed Seam Hood  
Assembly w/inner shroud

### Hoods



H-411, H-412,  
H-421, H-422

H-611  
H-612

W-8100B

### QRS Connection



BT-20S\* / 37309  
Small/Medium

V-199\* Adapter  
37069

BT-20L\* / 37310  
Medium/Large

BT-30, BT-40

S-955 Adapter

L-122

H-115

GVP-122

GVP-122

\*One V-199 Adapter is included with each BT Breathing Tube

Breathing Tube

Air Control Device



V-100  
Vortex Cooling  
Heating Assembly



V-200  
Vortemp Heating  
Assembly



V-300  
Air Regulating  
Valve Assembly



V-400  
Low Pressure  
Connector Assembly

Supplied Air Hose



W-9435 – 3/8" High  
Pressure Hose  
(25, 50 or 100 ft.)



W-2929 – 3/8" High  
Pressure Hose  
(25, 50 or 100 ft.)



W-3020 – 1/2" Low  
Pressure Hose  
(25, 50 or 100 ft.)

Portable Air Purification Panels



AP-601 and  
AP-602  
(100 CFM)



W-2806  
(50 CFM) without  
CO Monitor



Note: W-2808  
CO Monitor  
Retrofit Kit Available



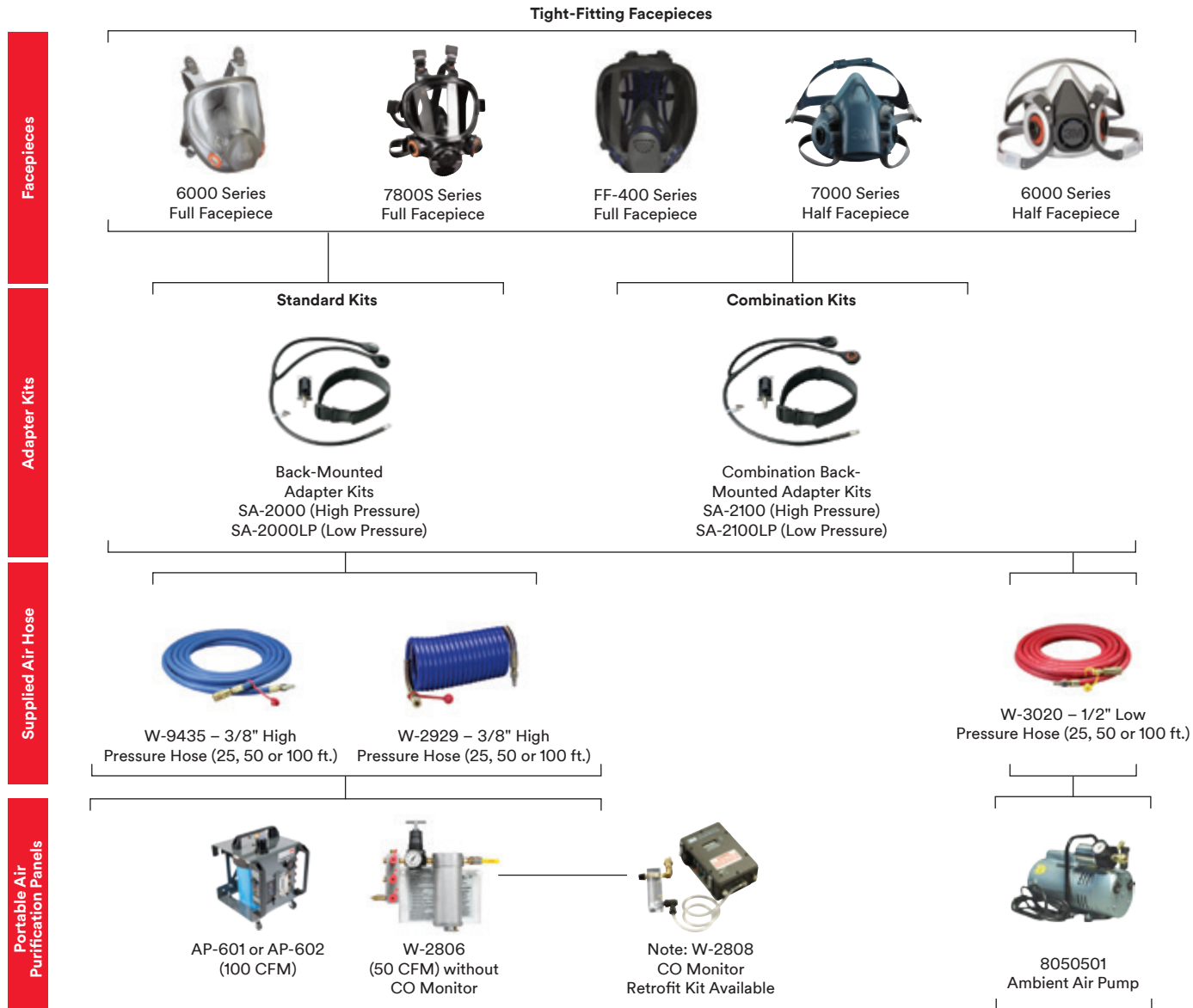
8050501  
Ambient Air Pump

### WARNING

Note: Headgear, breathing tube, air control valve, and compressed air supply hose are required parts in a NIOSH-approved system. Any NIOSH certification appearing on 3M components is strictly limited to use in an approved air system and only in full accordance with the specifications and limitations under said approval. NIOSH certifies complete assemblies only, not sub-assemblies. \*It is the employer's responsibility to ensure that the compressed air used with any supplied air system meets the requirements of the CSA Standard Z180.1.

These respirators help reduce exposure to certain airborne contaminants. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance. Use only in accordance with operating and maintenance manuals and the requirements of the authority having jurisdiction in your area. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons may adversely affect product performance and result in sickness or death. For proper use, each person must first read and understand the operator's manual. For assistance call the 3M Canada Technical Service Centre at 1-800-267-4414.

# 3M™ Tight Fitting Supplied Air Respirators



To meet the NIOSH requirement in 42 CFR 84, subpart 84.150 for minimum and maximum airflow (6 to 15 scfm, 170 to 425 lpm), the air control devices approved for use with 3M headgear must be operated within the supply pressure ranges and hose lengths stated in the Use Instructions. Refer to the user instructions for the supply air pressure requirements.

W-3020 low pressure airlines can be used in single lengths of 25, 50, or 100 feet only. No connections are allowed. Refer to the user instructions for the supply air pressure requirements. The length of compressed air hose W-3020 used depends on the specifications of the low-pressure air pump utilized. Some pumps specify a minimum of 50 or 100 feet of hose to allow adequate cooling of the air heated by the pump's mechanism. Read the pump's instructions thoroughly before selecting the compressed air hose W-3020 length that will be used. NO PUMP IS TO BE USED WHICH COULD CAUSE AIR HOTTER THAN 160°F (71°C) TO ENTER THE COMPRESSED AIR HOSE W-3020. Air hotter than 160°F (71°C) will cause the hose to degrade, which would adversely affect respirator performance and may result in sickness or death.

W-2929 high pressure coiled airlines can be used in single lengths of 25, 50, or 100 feet only. No connections are allowed. Refer to the user instructions for the supply air pressure requirements.

W-9435 airline combination options are based on the headtop model selected.

3M headgear: L-501, L-503, L-505, L-701, L-703, L-705, L-901, L-905, 6000 series, 7800S and 7500 series

3M™ Supplied Air Respirator System approvals allow you to combine up to three 100-foot lengths of W-9435 or W-9445 hoses. The total combined hose length not to exceed 300 feet (91.4 meters). You may not combine 25 or 50-foot (7.6 or 15.2 meter) lengths of W-9435 and W-9445 hoses. Refer to the user instructions for the supply air pressure requirements.

For all other approved headtops:

3M™ Supplied Air Respirator System approvals allow you to combine up to three W-9435 or W-9445 hoses (25, 50, 100 feet or 7.6, 15.2, 30.5 meters) in any combination not to exceed 300 feet (91.4 meters). Refer to the user instructions for the supply air pressure requirements.

## WARNING

Note: Headgear, breathing tube, air control valve, and compressed air supply hose are required parts in a NIOSH-approved system. Any NIOSH certification appearing on 3M components is strictly limited to use in an approved air system and only in full accordance with the specifications and limitations under said approval. NIOSH certifies complete assemblies only, not sub-assemblies. It is the employer's responsibility to ensure that the compressed air used with any supplied air system meets the requirements of the CSA Standard Z180.1.

These respirators help reduce exposure to certain airborne contaminants. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance. Use only in accordance with operating and maintenance manuals and the requirements of the authority having jurisdiction in your area. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons may adversely affect product performance and result in sickness or death. For proper use, each person must first read and understand the operator's manual. For assistance call the 3M Canada Technical Service Centre at 1-800-267-4414.



## Headtop Selection Tool

### Works with the following 3M Assemblies

### Application / Additional Comments

Headgear	Works with the following 3M Assemblies						Application / Additional Comments					
	TR-600	TR-300	GVP Assembly	Breathe Easy Assembly	Adflo™ Assembly	V-Series	For Welding	For Grinding	Can be worn with limited Facial Hair	Meets ANSI Z87.1-2003 Eye and Face High Impact	Meets ANSI Z89.1-1997 (Head Protection Type)*	Meets CSA Z94.1 (Head Protection Type)
M-105	✓	✓	✓	✓	✓	✓		✓	✓	✓		
M-107	✓	✓	✓	✓	✓	✓		✓	✓	✓		
M-205								✓	✓	✓		
M-206								✓	✓	✓		
M-207								✓	✓	✓		
M-305	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
M-307	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
M-405	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
M-407	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
L-705SG-F		✓	✓		✓	✓	✓	✓	✓	✓	✓	
L-905SG-F		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
L-705SG		✓	✓		✓	✓	✓	✓	✓	✓	✓	
L-901SG		✓	✓		✓	✓		✓	✓	✓	✓	✓
L-905SG		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
W-8100B						✓		✓	✓	✓	✓	
BE-10				✓					✓			
BE-12				✓					✓			
9100Air		✓			✓	✓	✓		✓	✓		
9100FX Air		✓			✓	✓	✓	✓	✓	✓	✓	
9100MP		✓			✓	✓	✓	✓	✓	✓		
6000 Series Full Face			✓	✓		✓		✓		✓		
7000 Series Full Face			✓			✓	✓	✓		✓		
FF400 Series Full Face						✓		✓		✓		
AS-400								✓	✓	✓	✓	
AS-600								✓	✓	✓	✓	
S-103	✓	✓	✓	✓		✓			✓			
S-133	✓	✓	✓	✓		✓			✓			
S-403	✓	✓	✓	✓		✓			✓			
S-433	✓	✓	✓	✓		✓			✓			
S-533	✓	✓	✓	✓		✓			✓			
S-655	✓	✓	✓			✓			✓			
S-657	✓	✓	✓			✓			✓			
S-757	✓	✓	✓			✓			✓			
S-855	✓	✓	✓			✓			✓			
S-857	✓	✓	✓	✓		✓			✓			
H-411	✓	✓	✓			✓			✓			
H-412	✓	✓	✓			✓			✓		✓	
H-421	✓	✓	✓			✓			✓			
H-422	✓	✓	✓			✓			✓		✓	
H-611* / H-612	✓	✓	✓			✓			✓		✓	

\*H-611 does not offer ANSI approved head protection



### WARNING

These respirators help reduce exposure to certain airborne contaminants. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons, or use not in accordance with the instructions, may adversely affect product performance and **result in sickness or death**. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance, and only in accordance with their operating and maintenance manuals. For proper use, each person using these products must first read and understand the operator's manual. See supervisor for assistance or call the 3M Canada Service & Technical Service Centre at 1-800-267-4414.

## Air Filtration Panel Selection Tool



Size (CFM)	Portable/Fixed	CO Removal	CO Monitor	Ox Monitor	Number of Outlets	Part Number	Replacement Filters
10	Portable	✓	✓		1	RP010AMST	RCRP010
	Panel	✓	✓		0	RP010AMST-ST	RCRP010
20	Portable				1	BA020ANM	FB020
	Portable		✓		1	BA020AMST	FB020
	Panel				2	BA020ANM-S1	FB020
	Panel		✓		2	BA020AMST-S1	FB020
50	Portable				4	BA050BNM	FB020
	Portable		✓		4	BA050BMST	FB050
	Portable		✓		4	BA050BMST/PKG*	FB050
	Portable	✓	✓		4	RP050BMST	523-01-28
	Panel				3	W-2806	
	Panel				0	BA050BNM-S1	FB050
	Panel		✓		0	BA050BMST-S1	FB050
	Panel	✓	✓		0	RP050BMST-S1	523-01-28
	Panel	✓	✓		0	RP050BMST-S1/PKG*	523-01-28
100	Portable				8	BA100BNM	523-01-29
	Portable				7	AP-601	AP-611-1
	Portable		✓	✓	7	AP-602	AP-611-1
	Portable		✓		8	BA100BMST	523-01-29
	Portable		✓		8	BA100BMST/PKG*	523-01-29
	Panel				0	BA100BNM-S1	523-01-29
	Panel		✓		0	BA100BMST-S1	523-01-29
	Panel	✓	✓		0	RP050BMST-S1/2	FX050/2
200	Panel	✓	✓		0	RP100BMST-S1	FX100
	Panel				0	BA100ANM-S1	FB200
	Panel		✓		0	BA200AMST-S1	FB200
450	Panel	✓	✓		0	RP200CMST-S1	FX200C
	Panel				0	BA450ANM-S1	FB450
	Panel		✓		0	BA450AMST-S1	FB450
500	Frame	✓	✓		0	RP200CMST-S1/4	Contact 3M
600	Panel				0	BA600ANM-S1	FB600
	Panel		✓		0	BA600SNMST-S1	FB600
750	Frame	✓	✓		0	RP200CMST-S1/6	Contact 3M
1000	Panel		✓		0	BA100AMST-S1	Contact 3M
	Frame	✓	✓		0	RP200CMST-S1/8	Contact 3M

\*Bonus includes extra set of filters and small calibration kit.

### Popular Configuration / Common Competitive Configuration

- Note:** 523-01-28 = FX050 and 523-01-29 = FB100; only product labelling is different.
- Note:** Panels listed with 0 outlets may be hard piped, or outlets may be attached using the following parts:
- 8005401 4 outlet block (up to 10-100 CFM)
  - 8005402 2 of 8005401 in series (for panels > 100 CFM)
  - 80022 Quick Connects (allows direct connection of W-9435 and W-3020 series airlines)
  - S685-003 Hex-Plug (used to plug the outlets that do not have a Quick Disconnect installed.)

### WARNING

These respirators help reduce exposure to certain airborne contaminants. Positive pressure respirators are to be used only by qualified persons who are properly trained in their use and maintenance. Use only in accordance with operating and maintenance manuals and the requirements of the authority having jurisdiction in your area. Use of 3M™ Positive Pressure Respirators by untrained or unqualified persons may adversely affect product performance and result in sickness or death. For proper use, each person must first read and understand the operator's manual. For assistance call the 3M Canada Technical Service Centre at 1-800-267-4414.



**3M** Science.  
Applied to Life.™

# Welding

Polarized liquid crystals applied to glass darkens at a fraction of a millisecond. Protecting your precious eyesight without compromising being able to admire your masterpiece.

# Top-of-the-line safety to empower your welding success

## Inspired by your reality

We've committed ourselves to developing tools that will forever improve the world of the welder. From the first groundbreaking auto-darkening welding helmet in 1981 to our current lineup of state-of-the-art welding safety products, we continue to revolutionize your world.

We have a passion for welding and we know the challenges of your profession. We share the passion and pride you put into your welding. So it is natural for us to want to address the ergonomic, safety, and health challenges facing you every day. Your thoughts and opinion are at the forefront of our continuous search for innovation.

Real-world validation of design concepts and international field trials of prototypes are used to verify our products before they are released. Multiple rigorous objective tests are carried out to ensure all products meet or exceed international safety standards and requirements before they reach our customers.

The 3M™ Speedglas™ Welding Helmet Series 9100 includes six welding helmet models offering many options, including flip-up welding shields, hard hats, hearing and respiratory protection. Inspired by your reality, we shape the future of welding so you can get on with the job of shaping ours. Call your local authorized 3M distributor for more details.

## Coverage is key!

Helmet coverage is a concern for many welders. So we made the 9100 series welding helmets deeper and wider, improving the coverage of ears, neck and sides of the head from heat and welding sparks. In addition, there are several accessories available to extend coverage.

## More comfort, less fog

Less pressure and stable fit means improved comfort: The 3M™ Speedglas™ Head Suspension 9100 is designed to avoid pressure on vulnerable areas of the head. It also provides several adjustment combinations for maximum personal tailoring and helmet stability.

Speedglas™ Series 9100 helmets has improved exhaust vents help reduce heat, humidity and fogging of the viewing area.




## Reliable performance!

The key to remember with 3M™ Speedglas™ Auto-darkening Welding Filters is reliability. They enable consistent, comfortable viewing and provide protection from ultraviolet (UV) and infrared (IR) radiation, at all times, in all states. They consistently auto-switch from light state to dark state, and back again, to help increase productivity while you weld.





3M™ Speedglas™ Welding Helmets Portfolio

Speedglas™ Welding Helmets Portfolio				
Entry	Mid-Range	Premium	Premium with Air	Multi-Protection
<div> 100 Black</div> <div> 100 Graphic</div>	<div> Super Light (SL)</div>	<div> 9100</div> <div> 9100 QR</div> <div> 9100 FX</div>	<div> 9100-Air</div> <div> 9100 FX-Air</div>	<div> 9100 MP</div>
All Speedglas 100 are compatible with any of the three Speedglas 100 Auto-Darkening Filters: 07-0001-10-CA (Shade 10 Fixed), 07-0001-11-CA (Shade 11 Fixed), 07-0001-31-CA (Shade 8-12 Variable)		All Premium helmets are compatible with any of the three Speedglas 9100 Auto-Darkening Filters of differing sizes: 9100V (06-0000-10-CA), 9100X (06-0000-20-CA) and 9100XX (06-0000-30-CA)		
Ideal for occasional welders and students.	For specialty welding, TIG and quick tasks.  Super Light:  ADF option: 05-0000-41-CA Shade 8-12	Designed with the professional welder in mind.  9100 and 9100FX can be worn with standard suspension or used with a hard hat adaptor.  9100QR must be used with a hard hat.  9100FX, 9100FX-Air and 9100MP have a clear grinding visor.	Optimal respiratory protection and comfort for increased productivity and demanding environments.	Combines respiratory, hearing and eye & face protection in one.

These headtops provide eye and face protection only.

These headtops are compatible with certain Powered Air and Supplied Air Respirators.



## 3M™ Speedglas™ Auto-Darkening Filter (ADF) Specifications



	3M™ Speedglas™ Welding Helmet 100 Series	3M™ Speedglas™ Super Light Welding Helmet SL Series	3M™ Speedglas™ Welding Helmet 9100 Series
<b>Viewing Area</b>	1.73 × 3.66 in. (44 × 93 mm)	1.68 × 3.57 in. (43 × 91 mm)	1.8 × 3.7 in. (44 × 93 mm) – 9100V 2.1 × 4.2 in. (54 × 107 mm) – 9100X 2.8 × 4.2 in. (72 × 103 mm) – 9100XX
<b>Side Windows*</b>	Not available	Not available	Available with or without
<b>Exhalation Vents*</b>	Not available	Not available	Standard on all helmets
<b>Dark State Options</b>	Shade 10 (Black helmet) Shade 11 (Black helmet) Shades 8 – 12 (Black or Graphic helmet)	Shades 8 – 12	Shades 5, 8, 9 – 13 (variable) on all ADF models
<b>Light State</b>	Shade 3	Shade 3	Shade 3
<b>Weight (Complete Assembly in Ounces)</b>	Black – 15 With Graphics – 16	13	18.0 (18.9 with Side Windows) – 9100V 18.3 (19.2 with Side Windows) – 9100X 19.2 (20.1 with Side Windows) – 9100XX
<b>Special Modes</b>	None	ADF turns on and off automatically	Grinding, Tacking*, Lock-in Dark State
<b>Switching Speed (Milliseconds)</b>	0.1	Less than 0.15	0.1
<b>Battery Life (Hours)</b>	1500	1500	2800 – 9100V 2500 – 9100X 2000 – 9100XX
<b>Sensitivity Modes</b>	4 levels for the Shade 8-12 Variable 3 levels for the Shade 10 or 11 Fixed	4 levels	5 levels on all ADF models
<b>TIG Rating</b>	TIG >10 amps – 100V Limited TIG – 100F	> 1 Amp	> 1 Amp
<b>Warranty</b>	2 years	2 years	3 years
<b>Cheater Adapter</b>	Part number: 07-0680-00	Part number: 05-0680-00	Built in
<b>Number of Sensors</b>	2	2	3

\*Patented features — ONLY available on a 3M™ Speedglas™ Welding Helmet.



Approved to CSA Z94.3  
Standard Eye and Face Protection



## 3M™ Speedglas™ Welding Helmet 9100

**Designed for ultimate protection.** Protecting your eyes and face from radiation, heat and sparks – while providing a precise view of your work – makes your Speedglas™ Welding Helmet 9100 one of your most important welding tools.



reddot design award  
best of the best 2009



product  
design  
award

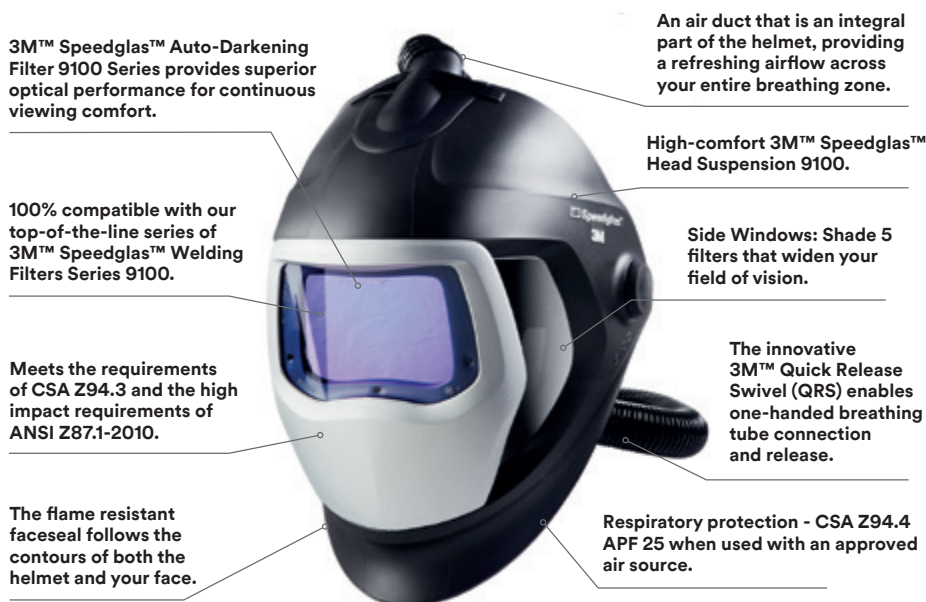
2009



Product #	Stock #	Description	Case Qty
06-0100-10SW-CA	7000127162	9100V with Side Windows	1
06-0100-20SW-CA	7000127147	9100X with Side Windows	1
06-0100-30SW-CA	7000127148	9100XX with Side Windows	1
06-0100-10-CA	7000127161	9100V	1
06-0100-20-CA	7000127163	9100X	1
06-0100-30-CA	7000127164	9100XX	1

## 3M™ Speedglas™ Welding Helmet 9100 Air

**Respiratory welding helmet.** All of the benefits of the 9100 welding helmets can be used in combination with powered or supplied air respiratory protection.



For product numbers see page 53 for powered air configuration and page 54 for supplied air configuration that include the 9100 air helmet.

## 3M™ Speedglas™ Welding Helmet 9100 FX

**Wider field of view with flip-up front.** The Speedglas™ Welding Helmet 9100FX provides the combination of a flip-up auto-darkening filter and a clear grinding visor. Not only is the viewing area larger compared to previous models, we totally redesigned the geometry of the helmet for a wider field of view in all directions.

Side Windows:  
Shade 5 filters  
that widen your  
field of vision.

Spark-and  
spatter-retardant  
fabric head cover.

High-comfort  
3M™ Speedglas™  
Head Suspension  
9100.

Exhaled air is  
channelled out  
via side exhaust vents.



100% compatible with our  
top-of-the-line series of 3M™  
Speedglas™ Welding Filter  
series 9100.

3M™ Speedglas™ Auto-  
Darkening Filter 9100 Series  
provides superior optical  
performance for continuous  
viewing comfort.

The big, 17 × 10 cm  
clear protective visor is  
curved, increasing your  
peripheral vision.

Meets the requirements  
of CSA Z94.3 and the high  
impact requirements of  
ANSI Z87.1-2010.



Using the safety helmet adapter,  
you can easily fit many of the  
industry's safety helmets with  
the 3M™ Speedglas™ Welding  
Helmet 9100 FX.



As additional head and neck  
coverage there are flame-  
retardant accessories for  
protection of molten metal,  
sparks and flames.

Product #	Stock #	Description	Case Qty
06-0600-10SW-CA	7000128079	9100V with Side Windows	1
06-0600-20SW-CA	7000128080	9100X with Side Windows	1
06-0600-30SW-CA	7000128081	9100XX with Side Windows	1

## 3M™ Speedglas™ Welding Helmet 9100 FX Air

**Excellent view and respiratory protection!** For constant respiratory protection and excellent vision in a flip-up model – meet the Speedglas welding helmet 9100 FX Air. It readily connects both to powered and supplied air respirator systems.

Meets the requirements of CSA Z94.3  
and the high impact requirements of  
ANSI Z87.1-2010.

3M™ Speedglas™  
Auto-Darkening Filter 9100  
Series provides superior  
optical performance  
for continuous  
viewing comfort.

100% compatible with our  
top-of-the-line series of  
3M™ Speedglas™ Welding  
Filter Series 9100.

Side Windows: Shade  
5 filters that widen  
your field of vision.

Respiratory protection -  
CSA Z94.4 APF 25 when  
used with an approved  
air source.



Spark- and  
spatter-retardant  
fabric head cover.

High-comfort  
3M™ Speedglas™  
Head Suspension  
9100.

Secure  
and stable  
attachment of  
breathing tube.

The innovative  
3M™ Quick  
Release Swivel  
(QRS) enables one-  
handed breathing  
tube connection  
and release.



A diffuser spreads out the airflow for your  
maximum comfort.



A quick lift of the silver front and you get a big,  
17 × 10 cm, clear view – perfect for precision  
grinding in low light conditions, while maintaining  
respiratory protection.

For product numbers see page 53 for powered air configuration and page 54 for supplied air configuration that include the 9100 FX air helmet.

## 3M™ Speedglas™ Welding Helmet 9100 MP

**Multiple protection features.** We've seamlessly integrated five levels of welder protection: head, eye, face, respiratory and hearing into one extraordinarily comfortable and easy-to-use system. The 3M™ Speedglas™ Welding Helmet 9100 MP: uncompromising, all-in-one, welding protection for highly demanding environments.

100% compatible with our top-of-the-line series of 3M™ Speedglas™ Welding Filter Series 9100.

3M™ Speedglas™ Auto-Darkening Filter 9100 Series provides superior optical performance for continuous viewing comfort.

**Side Windows:**  
Shade 5 filters that widen your field of vision.

A deflector allows users to direct the airflow inside the headtop for increased control and comfort.

A big (17x10 cm), curved, protective visor with excellent views up, down and peripherally. Meets the requirements of CSA Z94.3 and the high impact requirements of ANSI Z87.1-2010.



The top shell is made from heat resistance polycarbonate and meets the standard ANSI Z89.1-2009 Type 1, Class G for industrial hard hats. An optional, high-visibility, aluminum fabric reflects hot sunlight and welding heat.

Fully-adjustable suspension that includes textile straps for optimal fit and weight distribution.

The innovative 3M™ Quick Release Swivel (QRS) enables one-handed breathing tube connection and release.

Respiratory protection - CSA Z94.4 APF 25 when used with an approved air source.

Designed from inception to be compatible with the 3M™ M-985 Earmuff Kit.



**Look around... really look around.**

The clear protective visor is wide (17 x 10 cm) and curved, offering great views up, down and side-to-side. It's perfect for prepping and inspecting welds...and just walking around your facility with full-time CSA Z94.4 APF 25 respiratory protection. Then, pull down your welding shield and appreciate the Side Windows view: you can have peripheral vision at all times, even when welding.



For product numbers see page 53 for powered air configuration and page 54 for supplied air configuration that include the 9100MP helmet.

## 3M™ Speedglas™ Welding Helmet 9100-QR

**Flexible and comfortable.** Your head is protected at all times because you never need to remove your safety helmet as you attach and detach the hard hat! If you prefer to keep the welding helmet attached, it is quickly parked in the raised position. This parked position creates a low center of gravity, reducing the forces on your neck while letting you move around more easily thanks to the low profile.

Even with a gloved hand, you can easily attach the 3M™ Speedglas™ Welding Helmet 9100-QR.

Ultraviolet (UV) and infrared (IR) protection at all times, in all states.

100% compatible with our top-of-the-line 3M™ Speedglas™ Welding Filter Series 9100.

Exhaled air is channelled out via side exhaust vents.



Designed for optimal use with 3M™ Hard Hat H-700 Series, but compatible with most of the industry's most popular hard hats.

The 3M™ Speedglas™ Welding Helmet 9100-QR offers a complete welding solution integrating head, eye and face protection.

Designed from inception to be compatible with 3M™ Peltor™ Earmuffs.

Side Windows: Shade 5 filters that widen your field of vision.



The 3M™ Head Hat, H-700 Series is a full-featured line of hard hats capable of accepting visors and earmuffs in addition to the Speedglas Welding Helmet 9100-QR.

Product #	Stock #	Description	Case Qty
06-0100-10QR-CA	7100031977	9100V & 3M™ Hard Hat H-701R	1
06-0100-20QR-CA	7100031978	9100X & 3M™ Hard Hat H-701R	1
06-0100-30QR-CA	7100031979	9100XX & 3M™ Hard Hat H-701R	1

## 3M™ Speedglas™ Graphic Welding Helmet 100 Series



Speedglas™ Welding Helmets 100 Series deliver impressive protection and performance with distinctive graphic designs – all with a specific identity.

Product #	Stock #	Description	Shades
07-0012-31BY-CA	7000128211	Boneyard with ADF 100V	8-12
07-0012-31IH-CA	7000128212	Ice Hot with ADF 100V	8-12
07-0012-31RD-CA	7000128213	Razor Dragon with ADF 100V	8-12
07-0012-31RS	7000128214	Raging Skull with ADF 100V	8-12
07-0012-31XT-CA	7000128215	Xterminator with ADF 100V	8-12
07-0012-10BL	7000127592	Black, with ADF 100S-10	10
07-0012-11BL	7000127593	Black, with ADF 100S-11	11
07-0012-31BL	7000127595	Black, with ADF 100V	8-12
07-0012-31BZ	7000127596	Blazed with ADF 100V	8-12
07-0012-31AH-CA	7000127594	Aces High with ADF 100V	8-12
07-0012-31TW	7000127597	Trojan Warrior with ADF 100V	8-12
<b>Female Graphic Edition</b>			
07-0012-31SE-CA	7000127724	Steel Eyes with ADF 100V	8-12
07-0012-31SJ-CA	7000127725	Skull Jewels with ADF 100V	8-12
07-0012-31SR-CA	7000127726	Steel Rose with ADF 100V	8-12
07-0012-31WP-CA	7000127723	Wild-N-Pink with ADF 100V	8-12



Boneyard



Ice Hot



Razor Dragon



Raging Skull



Xterminator



Black



Blazed



Aces High



Trojan Warrior

### Women's Collection

Inspired by women welders, 3M launched the first line of women specific designs. Our design team took direct inspiration from women welders to work with intricate patterns and graphics. The resulting designs are an avenue for personal expression.



Steel Eyes



Skull Jewels



Steel Rose



Wild-N-Pink

## 3M™ Speedglas™ Welding Helmet SL Series

Quick and light, perfect for fast tasks. Using specialised manufacturing techniques, we greatly reduced the weight of the auto-darkening filter. And unlike other lightweight helmets that can absorb moisture and become heavy, the Speedglas helmet SL is made from a strong, non-absorbent material.

Designed specifically for quick welding tasks, a motion sensor automatically turns ON the welding filter when you pick up the helmet.



reddot design award  
winner 2007



product  
design  
award  
2008



Five adjustable dark shades 8–12 and a light shade of 3. Four sensitivity settings.

**Grab & Go:**  
A motion sensor automatically turns ON the welding filter when you pick up the helmet.



Our narrowest helmet: perfect for many super tight spaces.

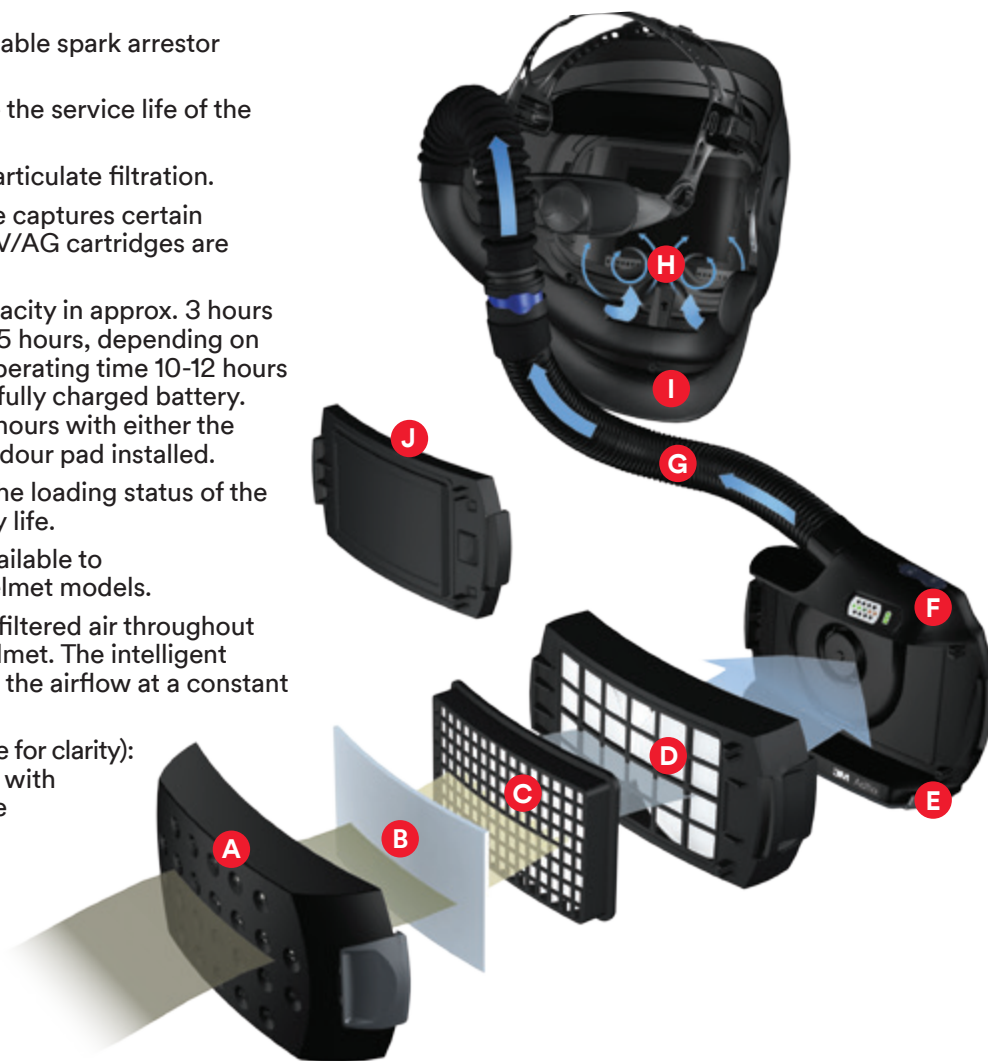
Appropriate for most arc welding processes – such as MMA, MIG/MAG, TIG and plasma welding.



## 3M™ Adflo™ Powered Air Purifying Respirator System

A refreshing breeze for more comfortable welding. Designed for welders the Adflo Powered Air Purifying Respirator (PAPR) is specially designed to meet your welding needs. It helps provide continuous filtered air to the wearer. By using the 3M™ Adflo™ PAPR, you can get both increased protection and comfort for extended wear. The slim profile and ergonomic design makes it easier to go into tight welding spaces and offers the quality and functions you should expect from a robust and easy-to use PAPR system. The new Li-ion battery makes it even more lightweight and balanced for even greater comfort during a full shift. The next generation of 3M™ Adflo™ PAPR, with the latest welding helmets and faceshields, represents a big step forward in welding protection. To improve welding comfort, the 3M™ Adflo™ PAPR now has a lithium-ion battery, making the device approximately 20% lighter. It is a slim, robust PAPR designed specifically for welders. Since its launch 13 years ago, the 3M™ Adflo™ PAPR has become a popular powered air purifying respirator for welding. With the new turbo assembly, we can now offer a special version, suitable for welders working at higher altitudes.

- A** Filter cover: holds the user-replaceable spark arrestor (not shown below).
- B** Prefilter: designed to help increase the service life of the particle filter.
- C** HE particle filter: high efficiency particulate filtration.
- D** OV/AG cartridge: OV/AG cartridge captures certain organic vapours and acid gases. OV/AG cartridges are sold separately.
- E** Li-ion battery: charges to 80% capacity in approx. 3 hours and to 100% capacity in approx. 6.5 hours, depending on its residual charge. Approximate operating time 10-12 hours with a new particle filter and new, fully charged battery. Operating time approximately 5.5 hours with either the OV/AG cartridge or the nuisance odour pad installed.
- F** Filter/Battery Indicator: indicates the loading status of the particle filter and remaining battery life.
- G** Breathing tube: breathing tubes available to fit all 3M™ Speedglas™ Welding Helmet models.
- H** Airflow pattern: evenly distributes filtered air throughout the entire breathing zone of the helmet. The intelligent PAPR unit is designed to help keep the airflow at a constant preset level.
- I** Soft, flexible face seal (removed here for clarity): comfortable face seal can be worn with limited facial hair and helps provide respiratory protection.
- J** Nuisance odour pad assembly: optional accessory which helps reduce nuisance odours\*. Must be used with HE particle filter and must not be used alone or in combination with the OV/AG cartridge. Nuisance odour pad assemblies are sold separately.



Shown here: 3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 FX-Air.

\*Nuisance odour refers to concentrations of organic vapours not exceeding the applicable occupational exposure limits.

## 3M™ Adflo™ Powered Air Respirator



Speedglas™ Welding Helmet 9100 Series with Adflo™ Powered Air Purifying Respirator makes a light compact, all in one system. The “stackable” configuration of the Adflo™ Turbo Unit means that the gas and vapour cartridge can be stacked onto the particle filter for additional protection from specific organic vapours and acid gases. For cooler, cleaner and more comfortable welding. Alternatively, for nuisance odour relief, consider the Nuisance Odour Pad in conjunction with the particulate filter.

**How it works...** The Adflo Respirator is designed to provide a supply of filtered air from the Adflo Turbo Unit via a breathing tube to the head top. The system creates a positive pressure, which together with the face seal helps prevent particles and other contaminants from entering the helmet. Exhaled air is quickly expelled away from the face and head areas, keeping the welder comfortable and helping improve productivity.

### 3M™ Adflo™ Powered Air Purifying Respirator Kits

9100-Air	35-1101-00SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100-Air, 35-1101-00SW-CA, with Lithium Ion Battery and Side Windows, 1/Case (ADF sold separately)
	35-1101-10SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100-Air, 35-1101-10SW-CA, with Lithium Ion Battery, Side Windows and Auto-Darkening Filter 9100V, 1/Case
	35-1101-20SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100-Air, 35-1101-20SW-CA, with Lithium Ion Battery, Side Windows and Auto-Darkening Filter 9100X, 1/Case
	35-1101-30SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100-Air, 35-1101-30SW-CA, with Lithium Ion Battery, Side Windows and Auto-Darkening Filter 9100XX, 1/Case
9100 FX-Air	36-1101-00SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 FX-Air, 36-1101-00SW-CA with Lithium Ion Battery and Side Windows, 1/Case (ADF sold separately)
	36-1101-10SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 FX-Air, 36-1101-10SW-CA, with Lithium Ion Battery, Side Windows and Auto-Darkening Filter 9100V, 1/Case
	36-1101-20SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 FX-Air, 36-1101-20SW-CA, with Lithium Ion Battery, Side Windows and Auto-Darkening Filter 9100X, 1/Case
	36-1101-30SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 FX-Air, 36-1101-30SW-CA, with Lithium Ion Battery, Side Windows and Auto-Darkening Filter 9100XX, 1/Case
9100 MP	37-1101-00SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 MP, 37-1101-00SW-CA, with Lithium Ion Battery, Hard Hat and Side Windows, 1/Case (ADF sold separately)
	37-1101-10SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 MP, 37-1101-10SW-CA, with Lithium Ion Battery, Hard Hat, Side Windows and Auto-Darkening Filter 9100V, 1/Case
	37-1101-20SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 MP, 37-1101-20SW-CA, with Lithium Ion Battery, Hard Hat, Side Windows and Auto-Darkening Filter 9100X, 1/Case
	37-1101-30SW-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Speedglas™ Welding Helmet 9100 MP, 37-1101-30SW-CA, with Lithium Ion Battery, Hard Hat, Side Windows and Auto-Darkening Filter 9100XX, 1/Case
3M™ Headgear L-Series SG	34-0705-SGV-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Hard Hat L-705SG, 34-0705-SGV-CA, with Lithium Ion Battery, Welding Shield, Wideview Faceshield and 3M™ Speedglas™ Auto-Darkening Filter 9100V, 1/Case
	34-0705-SGX-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Hard Hat L-705SG, 34-0705-SGX-CA, with Lithium Ion Battery, Welding Shield, Wideview Faceshield and 3M™ Speedglas™ Auto-Darkening Filter 9100X, 1/Case
	34-0705-SGXX-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Hard Hat L-705SG, 34-0705-SGXX-CA, with Lithium Ion Battery, Welding Shield, Wideview Faceshield and 3M™ Speedglas™ Auto-Darkening Filter 9100XX, 1/Case
	34-0905-SGV-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Helmet L-905SG, 34-0905-SGV-CA, with Lithium Ion Battery, Welding Shield, Wideview Faceshield and 3M™ Speedglas™ Auto-Darkening Filter 9100V, 1/Case
	34-0905-SGX-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Helmet L-905SG, 34-0905-SGX-CA, with Lithium Ion Battery, Welding Shield, Wideview Faceshield and 3M™ Speedglas™ Auto-Darkening Filter 9100X, 1/Case
	34-0905-SGXX-CA	3M™ Adflo™ Powered Air Purifying Respirator with 3M™ Helmet L-905SG, 34-0905-SGXX-CA, with Lithium Ion Battery, Welding Shield, Wideview Faceshield and 3M™ Speedglas™ Auto-Darkening Filter 9100XX, 1/Case



3M™ Versaflo™ M-Series Respiratory Protection Headgear (including M-100, M-300 and M-400 headtops) can be connected to the Adflo™ PAPR. Please contact your local 3M Safety Specialist for details.

## 3M™ Speedglas™ Fresh-Air III Supplied Air Systems

- Compatible with Speedglas™ Welding Helmets & Systems 9100-Air, 9100 FX-Air and 9100 MP
- NIOSH Approved Respiratory System: APF 25
- Lightweight, belt-mounted regulators to control airflow and cool/heat air
- Require V-199 Adaptor to connect to breathing tubes

## Buy a Kit

Product #	Stock #	Description	Case QTY
25-5702-30SW-CA	7000128113	3M™ Speedglas™ Fresh-Air III Supplied Air System with V-100 Vortex Air-Cooling valve and 3M™ Speedglas™ Welding Helmet 9100-Air, 25-5702-30SW-CA, with Side Windows and Auto-Darkening Filter 9100XX, Shades 5, 8-13	1
25-5802-30SW-CA	7100062578	3M™ Speedglas™ Fresh-Air III Supplied Air System with V-200 Vortemp Air-Heating valve and 3M™ Speedglas™ Welding Helmet 9100-Air, 25-5802-30SW-CA, with Side Windows and Auto-Darkening Filter 9100XX, Shades 5, 8-13	1
26-5702-00SW	N/A	3M™ Speedglas™ Fresh-Air III Supplied Air System with V-100 Vortex Air-Cooling valve and 3M™ Speedglas™ Welding Helmet 9100-FX-Air, 26-5702-00SW, with Side Windows, Shades 5, 8-13, 1/Case (ADF Sold Separately)	1
26-5802-00SW	N/A	3M™ Speedglas™ Fresh-Air III Supplied Air System with V-200 Vortemp Air-Heating valve and 3M™ Speedglas™ Welding Helmet 9100FX-Air, 26-5802-00SW, with Side Windows, Shades 5, 8-13, 1/Case (ADF Sold Separately)	1
26-5702-30SWHD-CA	7000128209	3M™ Speedglas™ Fresh-Air III Supplied Air System with V-100 Vortex Air-Cooling valve and Welding Helmet 9100 FX-Air, 26-5702-30SWHD, with Side Windows, Heavy Duty Breathing Tube, and Auto-Darkening Filter 9100XX, Shades 5, 8-13	1
27-5702-30SW-CA	7000128233	3M™ Speedglas™ Fresh-Air III Supplied Air System with V-100 Vortex Air-Cooling valve and 3M™ Speedglas™ Welding Helmet 9100MP, 27-5702-30SW-CA, with Side Windows and Auto-Darkening Filter 9100XX, Shades 5, 8-13	1
27-5902-30SW-CA	7100032880	3M™ Speedglas™ Fresh-Air III Supplied Air System with V-300 Vortex Air-Regulating valve and 3M™ Speedglas™ Welding Helmet 9100MP, 27-5902-30SW-CA, with Side Windows and Auto-Darkening Filter 9100XX, Shades 5, 8-13	1

## Build a Kit

### Step 1: Supplied Air Valve

Product #	Stock #	Description	Case QTY
V-100	7000002079	Vortex Cooling Assembly	1
V-200	7000002080	Vortemp Heating Assembly	1
V-300	7000002081	Air Regulating Valve Assembly	1
V-400	7000126279	Low Pressure Connector Assembly	1

### Step 2: Breathing Tube

Product #	Stock #	Description	Case QTY
SG-30W	7000128097	3M™ Speedglas™ Self-Adjusting Breathing Tube, SG-30W	1
SG-40W	7000128098	3M™ Speedglas™ Heavy Duty Breathing Tube, SG-40W	1
SG-50W	7000128117	3M™ Speedglas™ Sound-Dampening Breathing Tube, SG-50W	1

### Step 3: Welding Helmet (No Auto-Darkening Filter)

Product #	Stock #	Description	Case QTY
25-0099-35SW	7000128105	3M™ Speedglas™ Welding Helmet 9100-Air, 25-0099-35SW, with Side Windows and extended headcover	1
26-0099-35SW	7000128093	3M™ Speedglas™ Welding Helmet 9100 FX-Air, 26-0099-35SW, with Side Windows and extended headcover	1
27-0099-35SW	7000128221	3M™ Speedglas™ Welding Helmet, 9100 MP, 27-0099-35SW, with Hard Hat and Side Windows	1

### Step 4: Auto-Darkening Filter

Product #	Stock #	Description	Case QTY
06-0000-10-CA	7000127158	3M™ Speedglas™ Auto Darkening Filter 9100V, 06-0000-10-CA	1
06-0000-20-CA	7000127159	3M™ Speedglas™ Auto Darkening Filter 9100X, 06-0000-20-CA	1
06-0000-30-CA	7000127160	3M™ Speedglas™ Auto Darkening Filter 9100XX, 06-0000-30-CA	1

### Step 5: V-199

Product #	Stock #	Description	Case QTY
V-199	7000002156	3M™ Adapter V-199	4

### STEP 6: AIRLINE

Product #	Stock #	Description	Case QTY
High Pressure airlines for use with V-100, V-200 or V-300			
W-9435-25	7000005374	Supplied Air Hose, 25 ft	1
W-9435-50	7000005373	Supplied Air Hose, 50 ft	1
W-9435-100	7000005375	Supplied Air Hose, 100 ft	1
W-2929-25 (coiled)	7000031122	Supplied Air Hose, 25 ft (High Pressure Coiled)	1
W-2929-50 (coiled)	7000005414	Supplied Air Hose, 50 ft (High Pressure Coiled)	1
W-2929-100 (coiled)	7000031123	Supplied Air Hose, 100 ft (High Pressure Coiled)	1
Low Pressure airlines for use with the V-400 valve			
W-3020-25	7000130768	Supplied Air Hose, 25 ft (Low Pressure)	1
W-3020-50	7000056507	Supplied Air Hose, 50 ft (Low Pressure)	1
W-3020-100	7000130755	Supplied Air Hose, 100 ft (Low Pressure)	1

# 3M™ Speedglas™ Parts and Accessories

## 9100 Series Parts

Welding Filters			
Product #	Stock #	Description	Case Qty
06-0000-10	7000127158	9100V, Standard, Shade 5, 8, 9-13 ADF	1
06-0000-20	7000127159	9100X, Large Shade 5, 8, 9-13 ADF	1
06-0000-30	7000127160	9100XX, X-large, Shade 5, 8, 9-13 ADF	1
Inside Protection Plates			
Product #	Stock #	Description	Case Qty
06-0200-10	7000127123	Inside Protection Plate for 9100V	5
06-0200-10-B	7100018371	Inside Protection Plate for 9100V	25
06-0200-20	7100019783	Inside Protection Plate for 9100X	5
06-0200-20-B	7000127165	Inside Protection Plate for 9100X	25
06-0200-30	7000127125	Inside Protection Plate for 9100XX	5
06-0200-30-B	7000127166	Inside Protection Plate for 9100XX	25

Outside Protection Plates			
Product #	Stock #	Description	Case Qty
06-0200-51	7000127126	Standard Outside Protection Plate	5
06-0200-51B	7000127149	Standard Outside Protection Plate	25
06-0200-52	7000127127	Scratch Resistant Outside Protection Plate	10
06-0200-52B	7000127150	Scratch Resistant Outside Protection Plate	50
06-0200-53	7000127128	High Temperature Outside Protection Plate	10
06-0200-53B	7000127155	High Temperature Outside Protection Plate	50
Magnifiers			
Product #	Stock #	Description	Case Qty
06-0500-56	7000127143	Magnification Plate 1.5X (magnifier for all ADF models)	1
06-0500-57	7000127144	Magnification Plate 2.0X (magnifier for all ADF models)	1
06-0500-58	7000127145	Magnification Plate 2.5X (magnifier for all ADF models)	1
06-0500-59	7000127146	Magnification Plate 3.0X (magnifier for all ADF models)	1

## 9100 Series Parts Accessories

9100 Accessories			
Product #	Stock #	Description	Case Qty
04-0320-00	7000126763	ADF Batteries	1
06-0400-55-B	7000127157	Battery Holder	10
06-0200-54	7000127167	Sweatband	3
06-0200-54-B	7000127152	Sweatband	12
06-0300-53	7000128243	Silver Front Panel	1
06-0400-52-B	7000127154	Pivot Mechanism 9100 Headband for Left & Ride Side	5
06-0500-51	7000127138	Crown Extender Coverage	1
06-0500-52	7000127139	Ear & Neck Extended Coverage	1
06-0500-53	7000127140	Side Windows Coverplate	2
06-0700-83	7000128087	Full Hood, Black/Grey	1
06-0014-00NR	7000127722	Hard Hat Adapter	1
9100FX-Air Accessories			
Product #	Stock #	Description	Case Qty
06-0400-52-B	7000127154	Pivot Mechanism 9100 Headband for Left & Ride Side	5
06-0700-51	7000128082	Clear Visor Grinding Visor	5
06-0700-54	7000128083	Clear Visor, Anti-Fog	5
06-0700-63	7000128084	Front Panel Chrome	1
06-0700-82	7000128089	Crown Extended Coverage	1
06-0700-85	7000128096	Air Diffuser	1
06-0200-54	7000127167	Sweatband	3
06-0200-54-B	7000127152	Sweatband, Bulk	12
26-0099-28	7000128094	Face Seal	1
06-0500-52	7000127139	Ear & Neck Extended Coverage	1
06-0700-73	7000128086	Side Window Covers	2
06-0700-83	7000128087	Full Hood, Black/Grey	1
9100FX Accessories			
Product #	Stock #	Description	Case Qty
06-0200-54	7000127167	Sweatband	3
06-0200-54-B	7000127152	Sweatband	12
06-0700-51	7000128082	Wide-View Clear Grinding Visor	5
06-0700-54	7000128083	Clear Visor, Anti Fog	5
06-0400-52-B	7000127154	Pivot Mechanism 9100 Headband for Left & Ride Side	5
06-0700-63	7000128084	Front Panel Chrome	1
06-0700-64	7000128085	Wide-View Clear Grinding Visor	1
06-0700-81	7000128088	Crown Standard Coverage	1
06-0700-82	7000128089	Crown Extended Coverage	1
06-0700-83	7000128087	Full Hood, Black/Grey	1
06-0614-00NR	7000148536	Hard Hat Adapter	1

9100 MP Accessories			
Product #	Stock #	Description	Case Qty
06-0700-51	7000128082	Wide-View Clear Grinding Visor	5
06-0700-54	7000128083	Clear Visor, Anti Fog	5
06-0700-63	7000128084	Front Panel Chrome	1
06-0700-64	7000128085	Wide-View Clear Grinding Visor	1
27-0099-28	7000128222	Face Seal	1
M-957	7100043088	Sweat Pad	10
M-958	7000126303	Chin Strap	2
06-0700-73	7000128086	SideWindow Covers	2
27-0099-84	7000128228	Radiant Heat Hard Hat Cover	1
27-0099-85	7000128234	Throat and Neck Cover	1
27-0099-87	7100021576	Complete Neck Cover	1
06-0700-83	7000128087	Full Hood, Black/Grey	1
M-956	7000127693	Size Reducing Ratchet Comfort Pad	10
M-985	7100004873	Earmuff Assembly	1
06-0700-83	7000128087	Full Hood, Black/Grey	1
M-956	7000127693	Size Reducing Ratchet Comfort Pad	10
M-985	7100004873	Earmuff Assembly	1
9100-Air Accessories			
Product #	Stock #	Description	Case Qty
06-0300-53	7000128243	Silver Front Panel	1
06-0400-52-B	7000127154	Pivot Mechanism 9100 Headband for Left & Ride Side	5
06-0500-51	7000127138	Crown Extender Coverage	1
25-0099-28	7000128094	Face Seal	1
06-0200-54	7000127167	Sweatband	3
06-0200-54-B	7000127152	Sweatband, Bulk	12
25-0400-55	7000128107	Air Duct	1
06-0500-52	7000127139	Ear & Neck Extended Cover	1
06-0500-53	7000127140	Side Windows Coverplate	2
06-0700-83	7000128087	Full Hood, Black/Grey	1
9100QR Accessories			
Product #	Stock #	Description	Case Qty
06-0014-00QR	7100031970	Quick Rail	1
06-0114-00QR	7100031971	Rail Retention Parts	1
04-0023-02	7000126799	ProTop Hard Hat	1
06-0300-53	7000128243	Silver Front Panel	1
06-0500-53	7000127140	Side Windows Coverplate	2
06-0700-83	7000128087	Full Hood, Black/Grey	1
06-0118-00QR	7100031974	Earmuff Expander Bar	1
06-0119-00QR	7100031975	Spacer Bar	1

## 100 Series Parts

100 Series Parts and Accessories			
Product #	Stock #	Description	Case Qty
02-0024-00	7000126744	Plastic Sweatband	1
02-0024-01	7000126745	Replacement Sweatband, Leather	1
02-0690-00	7000126746	Throat Protector	1
06-0700-83	7000128087	Full Hood Balacava Type	1
07-0024-02	7000127453	Sweatband Fleece	2
07-0212-00SV	7000127445	Silver Front Frame	1
07-0212-01BL	7000127446	Black Front Frame	1
07-0212-03BM	7000127458	Black Matte Front Frame	1
07-0680-00	7000127452	Magnifying Lens Holder	2
16-0099-30	7000126774	Head Cover	1
18-0099-68	7000126769	Leather Throat and Side Protector	1
07-0014-00NR	7000030042	Hard Hat Adapter	1
05-0370-00	7000126944	Batter Holder	1
04-0290-00	7000126760	Inside protection Plate	5
04-0290-01	7000126761	Inside Protection Plate, +1 Shade	5
04-0290-02	7000126762	Inside Protection Plate, +2 Shade	5
07-0001-10-CA	7000128255	Auto-Darkening Filter 100S-10, Single Shade 10 Fixed	1
07-0001-11-CA	7000128256	Auto-Darkening Filter 100S-10, Single Shade 11 Fixed	1
07-0001-31-CA	7000128254	Auto-Darkening Filter 100S-10, Variable Shade 8-12	1
07-0200-51	7100009551	Outside Protection Plate, Standard	10
07-0200-52	7000127444	Outside Protection Plate, Scratch Resistant	10
07-0200-53	7100010073	Outside Protection Plate, High Temp	10
06-0500-56	7000127143	Magnification Plate 1.5X (magnifier for all ADF models)	1
06-0500-57	7000127144	Magnification Plate 2.0X (magnifier for all ADF models)	1
06-0500-58	7000127145	Magnification Plate 2.5X (magnifier for all ADF models)	1
06-0500-59	7000127146	Magnification Plate 3.0X (magnifier for all ADF models)	1

## SL Series Parts

Welding Filters			
Product #	Stock #	Description	Case Qty
05-0000-41	7000126951	Auto-Darkening Filter SL Shade 8-12	1
Inside Protection Plates			
Product #	Stock #	Description	Case Qty
04-0290-00	7000126760	Inside Protection Plate	5
Outside Protection Plates			
Product #	Stock #	Description	Case Qty
05-0250-00	7100009551	Outside Protection Plate	10
05-0250-01	7000126940	Outside Protection Plate, Standard	5
Magnifiers			
Product #	Stock #	Description	Case Qty
06-0500-56	7000127143	Magnification Plate 1.5X (magnifier for all ADF models)	1
06-0500-57	7000127144	Magnification Plate 2.0X (magnifier for all ADF models)	1
06-0500-58	7000127145	Magnification Plate 2.5X (magnifier for all ADF models)	1
06-0500-59	7000127146	Magnification Plate 3.0X (magnifier for all ADF models)	1



Science.  
Applied to Life.™



# Hearing Protection

Noise-induced hearing loss is 100% preventable. We recognize that the right fit makes a difference which is why the 3M™ E-A-Rfit Dual-Ear Validation system uses unique dual element microphones to give a precise evaluation of your ears' needs.

# When it comes to protecting workers' hearing there is no one-size fits all solution.



The first step is an accurate assessment of the sound level. The second step is choosing the right protection for the job, and the third is to use a validation system to verify the protection being used is at the right level for the given environment.

All of this should be consistently supported by a strong educational effort around noise awareness, fitting guidance and other motivational elements.

3M delivers a complete set of tools to **Detect**, **Protect** and **Validate**. It's 3M hearing protection solutions made innovatively easy.



**Detection:** Detecting and monitoring manufacturing noise exposure is the first step in identifying where hearing protection is needed.



**Protection:** Protecting hearing and enhancing communication require comfortable solutions with options that make it easy to select the right protection for each employee.



**Validation:** 3M recommends fit testing for hearing protection. Training on the proper use of protection and measurement of attenuation levels can help you validate that your employees are protected.



# It starts with PAR.

How do you decide what Hearing Protection you will offer to your workers? If you are simply using the NRR found on the box of earplugs as a guide you may not be providing accurate protection levels for every worker. Ears come in many shapes and sizes and to make sure all workers are getting the protection they need, you need to know their Personal Attenuation Rating (PAR).

✓ 29 dB

## Pass.

A “pass” result means the hearing protection is inserted properly and provides sufficient protection for the worker’s specific job.

✗ 10 dB

## Fail.

A “fail” result means the hearing protection is either not inserted properly or is the wrong type or size for the worker’s ear canal.

**Noise-induced hearing  
loss is 100% preventable.**



## What’s your PAR?

Every employee is different. Every job is different. Every ear is different. Finding each employee’s PAR will help you have assurance that worker’s hearing is protected and they are compliant with the law. That’s why we made the new 3M™ E-A-Rfit Dual-Ear Validation System fast, accurate and easy.

## Fit testing is key.

Get results you can trust. The 3M™ E-A-Rfit Dual-Ear Validation System measure the effectiveness of the earplug or earmuff inside the employee’s ear providing accurate, quantitative results. Because you can simultaneously test both ears, you have more to focus on education including the importance of fit and protection.

## Why 3M?

As the leader in hearing protection, 3M offers a complete solution, with dual-ear and earmuff testing capabilities plus a user-friendly interface. The 3M™ E-A-Rfit Dual-Ear Validation System is the fast and easy way to find your employees’ PAR, because we know how important it is to make your hearing conservation program fit seamlessly into your operation.

## 3M™ E-A-Rfit Dual-Ear Validation System

### Features

- Dual-ear testing
- Fast, clear accurate results
- Earmuff testing capability
- Tests all 7 frequencies
- Seamless software integration
- Science-based, quantitative testing
- Compact design

NOTE: Finding each employee’s PAR is an essential step in a comprehensive hearing conservation program. Once a worker’s PAR is measured, you can determine if they’re using the right hearing protection and they are trained on proper use.

# Hearing Protection



## 3M™ E-A-R™ Classic Earplugs

- Proven size, shape, and foam
- 3M's most popular earplug
- Corded and uncorded in a variety of individual packs



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
312-1201	7000002300	Uncorded	Poly Bag	AL	29 dB	2000
310-1001	7000002299	Uncorded	Pillow Pack	AL	29 dB	2000
311-1101	7000002301	Corded	Poly Bag	AL	29 dB	2000

## 3M™ E-A-R™ Classic Plus Earplugs

- Highest NRR available from a NVLAP accredited lab
- Longer for deeper insertion



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
310-1101	7100000262	Uncorded	Pillow Pack	AL	33 dB	2000
311-1105	7000127207	Corded	Poly Bag	AL	33 dB	2000

## 3M™ E-A-R™ Classic Small Earplugs

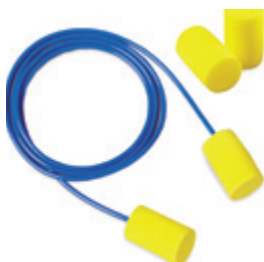
- Smaller diameter for more comfort in medium and small ear canals



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
310-1103	7000127171	Uncorded	Pillow Pack	AL	29 dB	2000
311-1106	7000127173	Corded	Poly Bag	AL	29 dB	2000

## 3M™ E-A-R™ Classic Soft Earplugs

- Thermal Reactive Foam gets softer with wear
- Smaller cell structure for smoothest surface



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
311-6000	7000127652	Uncorded	Poly Bag	AL	31 dB	2000
311-6001	7000127653	Corded	Poly Bag	AL	31 dB	2000

## 3M™ E-A-R™ UltraFit™ Premolded Reusable Earplugs

- The most comfortable reusable earplug



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
340-4004	7000002320	Corded	Poly Bag	AL	25 dB	400
340-4001	7000002335	Uncorded	Carrying Case	AL	25 dB	200
340-4002	7000002322	Corded	Carrying Case	AL	25 dB	200
340-4003	7000002321	Uncorded	Poly Bag	AL	25 dB	400
340-4014	7000052728	Corded	Econopack	AL	25 dB	2000

## 3M™ E-A-R™ UltraFit™ Plus Premolded Reusable Earplugs

- Insertion stem for easy fitting
- Stems and cords offered in an assortment of red, green, purple, blue and yellow



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
340-6002	7000127219	Corded Earplugs	Carrying Case	AL	26 dB	200
340-6004	7000127220	Corded Earplugs	Poly Bag	AL	26 dB	400

# Hearing Protection



## 3M™ E-A-R™ One Touch Earplug Dispensers

- The widest line of earplugs of any dispenser



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
391-1000	7000002296	3M™ Dispenser	Dispenser	AL	33 dB	1
391-1001	7000002298	3M™ Classic Earplugs	Refill	AL	33 dB	2000
391-1002	7100001857	3M™ Classic Superfit	30 Refill	AL	33 dB	2000
391-1004	7000002305	3M™ E-A-Rsoft Yellow Neons	Refill	AL	33 dB	2000
391-1005	7100001858	3M™ E-A-Rsoft Yellow Neon Blasts	Refill	AL	33 dB	1600
391-1010	7000052750	3M™ E-A-Rsoft Yellow Neon Blasts	Refill	AL	33 dB	2000
391-1100	7000128165	3M™ Foam Earplug	Refill	AL	33 dB	2000
391-1254	7000042881	3M™ E-A-Rsoft Superfit	Refill	AL	33 dB	2000

## 3M™ E-A-Rsoft FX Earplugs

- Patented shape to more effectively fit the ear canal
- Soft, comfortable foam



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
312-1260	7000127177	Corded	Poly Bag	AL	33 dB	100
312-1261	7000029951	Uncorded	Poly Bag	AL	33 dB	2000
312-1274	7000127212	Corded	Poly Bag	AL	33 dB	1000

## 3M™ E-A-Rsoft Yellow Neons Earplugs

- Highest NRR available
- Ultimate comfort



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
310-1250	7000127176	Uncorded	Pillow Pack	AL	33 dB	2000
311-1250	7000002306	Corded	Poly Bag	AL	33 dB	2000
312-1250	7000002303	Uncorded	Poly Bag	AL	33 dB	2000

## 3M™ TaperFit 2 / E-Z-Fit Earplugs

- Soft, smooth design for ultimate comfort



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
312-1219	7000002310	Uncorded	Poly Bag	AL	32 dB	2000
312-1223	7000002312	Corded	Poly Bag	AL	32 dB	2000
312-1208	7100007118	Uncorded	Poly Bag	AL	28 dB	200
312-1222	7000127211	Corded	Poly Bag	AL	28 dB	2000

## 3M™ ARC Plug Earplugs

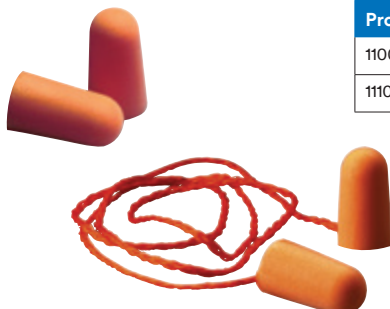
- Premolded reusable earplugs
- For protection against arc blast noise
- Aids in compliance with NFPA70E
- Yellow end in ear 0 dB



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
370-2000	7000052749	Uncorded	Carry Case	AL	22 dB	10

## 3M™ Foam Earplugs 1100

- Tapered design to conform for comfort



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
1100	7000001943	Uncorded	Poly Bag	AL	29 dB	1000
1110	7000001944	Corded	Poly Bag	AL	29 dB	500

# Hearing Protection



## 3M™ E-A-R™ Push-Ins Earplugs

- No Roll Down Earplugs
- Quick, Clean & Hygienic
- 3M™ EARform Foam Comfort



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
318-1000	7000127213	Uncorded	Poly Bag	AL	28 dB	400
318-1001	7000052745	Corded	Poly Bag	AL	28 dB	400
318-1002	7000127185	Uncorded	Poly Bag	AL	28 dB	2000
318-1003	7000052723	Corded	Poly Bag	AL	28 dB	2000
318-1004	7000127184	Uncorded	Poly Bag	AL	28 dB	1500
318-1005	7100002154	Corded	Poly Bag	AL	28 dB	1500

## 3M™ E-A-R™ Push-Ins SoftTouch Earplugs

- No-roll convenience
- Highest NRR of any Push-Ins product
- Easy fitting, narrow to wide design
- Most comfortable Push-In style product



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
318-4000	7000127214	Uncorded	Poly Bag	AL	31 dB	2000
318-4001	7000127215	Corded	Poly Bag	AL	31 dB	2000

## 3M™ E-A-R™ EXPRESS Pod Plugs Earplugs

- Soft, flexible grips allow for instant protection and a great fit



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
321-2100	7000127178	Uncorded (Yellow / Blue)	Pillow Pack	AL	25 dB	400
321-2200	7000002308	Uncorded (Yellow)	Pillow Pack	AL	25 dB	400

## 3M™ E-A-R™ Metal Detectable Earplugs

- Variety of earplugs for every hearing conservation program
- Metal detectable for extra safety



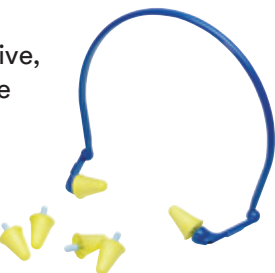
Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
311-1127	7000127208	3M™ Express Pod Plugs Metal Detectable Corded	Pillow Pack	AL	25 dB	400
311-4101	7000127210	3M™ Classic Earplug, Corded	Poly Bag	AL	33 dB	2000
311-4106	7000029952	3M™ E-A-Rsoft Earplug, Corded	Poly Bag	AL	33 dB	2000
318-3000	7000127656	3M™ Push-Ins Metal Detectable, Corded	Poly Bag	AL	28 dB	2000
340-4017	7000052725	3M™ UltraFit™ Metal Detectable Corded	Econopack	AL	25 dB	2000

# Hearing Protection



## 3M™ E-A-Rflex Semi-Insert Hearing Protectors

- A comfortable, effective, lightweight alternative to earmuffs
- Provides excellent hearing attenuation for frequent removal and refitting



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
320-1000	7000127170	Semi-Aural Hearing Protector	Poly Bag	AL	28 dB	100
350-1001	7000052717	Foam Tips Semi-Insert Hearing Protector, 10 Bands	Poly Bag	AL	25 dB	100
350-1002	7000052865	Hearing Protector Replacement Foam Pods	Poly Bag	AL	25 dB	50

## 3M™ Tri-Flange Earplugs

- Multiple seals, multiple uses
- Flexible flanges conform to the ear canal for custom fit
- Stem provides for quick and clean insertion



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
P3000	7000127187	Corded	Poly Bag	AL	26 dB	400

## 3M™ No-Touch Foam Earplugs

- Foam comfort without the Roll-Down
- Fuses soft foam with stem for easy and hygienic insertion



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
P2000	7000127180	Uncorded	Poly Bag	AL	29 dB	400
P2001	7000052722	Corded	Poly Bag	AL	29 dB	400

## 3M™ Skull Screws Earplugs

- Feels good from Grip to Tip
- No-roll convenience
- Look of metal, soft feel of foam
- Twist-to-seal design



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
P1300	7000127182	Uncorded	Poly Bag	AL	32 dB	480
P1301	7000127181	Corded	Poly Bag	AL	32 dB	480

## 3M™ Pistonz Earplugs

- Instant use, no roll-down design
- Tips look like metal, feel ultra soft
- Shaped for universal fit



Product #	Stock #	Type	Packaging	CSA	NRR	Case Qty
P1400	7000127672	Uncorded	Poly Bag	AL	29 dB	400
P1401	7000127673	Corded	Poly Bag	AL	29 dB	400

## **3M™ Peltor™ Earmuffs X Series**

**X1 (NRR 21-22 dB†)**  
Ultra-slim earmuffs for low-to-moderate noise exposures where overprotection is a concern



**X2 (NRR 24 dB†)**  
Lightweight earmuffs for moderate noise exposure situations



**X3 (NRR 25-28 dB†)**  
For high-noise exposure situations



**X4 (NRR 25-27 dB†)**  
Extremely lightweight, low-profile earmuffs for use in high-noise exposure situations



**X5 (NRR 31 dB†)**  
3M's highest attenuation earmuffs for very high-noise exposures



## **3M™ Peltor™ Optime™ Earmuffs Series**

**95 (NRR 21 dB†)**  
For eight-hour TWA noise exposures up to 95 dBA



**98 (NRR 23-25 dB†)**  
For eight-hour TWA noise exposures up to 98 dBA



**101 (NRR 24-27 dB†)**  
For eight-hour TWA noise exposures up to 101 dBA



**105 (NRR 27-30 dB†)**  
Unique double-shell cup design provides high attenuation for eight-hour TWA noise exposures up to 105 dBA



## **3M™ Peltor™ Specialty Series**

**Welding Earmuff (NRR 17 dB†)**  
A low-profile neckband design for use with 3M Welding Helmets. Soft earcup surface helps minimize scratch sound transmission when welding helmet is worn



**Food Industry Earmuff (NRR 26 dB†)**  
Specially designed for use in the food industry, with a unique headband and earcup inserts that are easy to keep clean, wash and reuse



**3M™ Peltor™ Hi-Viz Series Earmuff (NRR 23-24 dB†)**  
A versatile earmuff with bright orange earcups for high visibility



**3M™ Peltor™ PTL Earmuff (NRR 25-26 dB†)**  
Push button on cup allows wearer to briefly boost the volume of sounds in the work area to make communication easier without removing the earmuffs



† The Noise Reduction Rating (NRR) may overestimate the hearing protection provided during typical use. 3M recommends reducing the NRR by 50% for estimating the amount of noise reduction provided.





# Communication Solutions

Sound attenuation with UHF radio transmission to reduce ear-damaging noise while leaving two-way communications open. Keeping you protected but accessible.

# The safe way to be heard, and get things done

## Work never sounded this good

There was a time when wearing hearing protectors meant being isolated and out of contact. Those days are over. Today, the 3M™ Peltor™ Brand of Products offers communication solutions that not only make your working day safer and more efficient, but also much smarter.

To be effective, a hearing protector should be used 100% of the time in noisy environments. Even taking it off for a short time dramatically reduces its effectiveness and greatly increases the risk of hearing damage. 3M™ Communication Solutions Products make it possible for your team to communicate more easily in high-noise areas.

Communication devices are key to both safety and productivity. Integrating a 3M Communication Solution in your work environment will help you communicate more clearly with co-workers while reducing your exposure to potential hazardous noise. Feel free to contact us to discuss a solution to meet your specific needs.

## Just what you want to hear

Active control of incoming sounds from your surroundings lets you hear alarm signals and machines, while harmful levels of noise are filtered out by smart electronics.

## Music to your ears

Communication with people around you involves using our level-dependent function for ambient listening systems. For longer distances, you have built-in two-way radios and Bluetooth® Connections to mobile phones. Meanwhile all communication options can also be combined with a sound system so you can listen to your favourite streamed music or pod radio, with first-class sound quality.





## Function Symbols

To help you understand the functionality of the products you will find below on each product.



Hearing protection with built-in AM/FM radio



Hearing protection for communicating with external two-way radio



Hearing protection with built in two-way radio



Hearing protection with level-dependent function for environmental listening limited to max 82 dB



Hearing Protection with external audio input



Bluetooth® Technology

## 3M™ Peltor™ HT Series Listen-Only Headsets

### High Performance Protection for High-Noise Environments

The 3M™ Peltor™ HT Series Listen-Only Headset offers clear sound reproduction and communication in high-noise environments. Its durable design provides comfortable, long-term use under tough conditions. A wide selection of connectors enables it to be used with speaker microphones, VHF/UHF radios or personal entertainment devices.

### Features and Benefits

- Wide softly-padded headband for all-day comfort
- Deep earcup design for increased ear room
- Earcups with liquid and foam-filled comfort cushions
- Standard 3.5 mm plug connects to a variety of devices including shoulder mics and MP3 players



Product #	Stock #	Description	NRR	Case Qty
HTM79A	7000107776	Headband	25 dB	1
HTM79B	7000107816	Neckband	24 dB	1
HTM79P3E	7000107818	Hard Hat Attached	23 dB	1

\*Cables sold separately, refer to accessories page for list of listen-only cable options

## 3M™ Peltor™ MT Series Two-Way Headsets

### An Ideal Choice for Clear, Crisp Two-Way Communication in High Noise Areas

Designed for industrial users working in high noise environments, 3M™ Peltor™ MT Series Two-Way Headsets offer versatility along with hearing protection, durability and comfort.

#### Features and Benefits

- Soft foam ear cushions
- Noise-canceling boom microphone
- Deep earcup design for extended wear comfort
- FL5000 Series Push-to-Talk (PTT) radio adaptor sold separately
- Direct radio plug in models are available with cup mounted Push-to-Talk (PTT) button

Product #	Stock #	Description	NRR	Case Qty
MT7H79A	7000128200	Headband	25 dB	1
MT7H79B	7000141090	Neckband	24 dB	1
MT7H79P3E	7000128198	Hard Hat Attached	21 dB	1



## 3M™ Peltor™ TacticalPRO Electronic Headsets

### Face-to-face Communication and Hearing Protection for the Workplace

The 3M™ Peltor™ TacticalPRO Electronic Headset features earcup microphone technology for enhanced ambient situational awareness and face-to-face communication in high noise environments. The integrated electronics are designed with a frequency response that amplifies signals, voices and warning sirens while at the same time suppressing potentially hazardous impulse noises.

#### Features and Benefits

- Power saving feature
- 3-button touchpad configuration
- Rechargeable battery pack sold separately
- Low battery power indicator tones

Product #	Stock #	Description	NRR	Case Qty
MT15H7F SV	7000127260	Headband	26	1
MT15H7B SV	7000127258	Neckband	25	1
MT15HP3E SV	7000127261	Hard Hat Attached	22	1



# Communication Solution

## 3M™ Peltor™ Ora-Tac In-Ear Tactical Communication Headsets

### Intelligent Hearing Protection for Improved Situational Awareness

3M Peltor Ora-Tac is the ideal solution for users that need to maintain their ability to hear while wearing an in-ear hearing protection headset. External microphones are powered by talk-thru technology that electronically reproduces sounds and conversations so users don't need to remove the earbuds to communicate. An in-ear microphone transmits voice commands back over the radio when the Push-to-Talk (PTT) button on the ORA-BASE is activated.

### Features and Benefits

- Lightweight, compact design can be worn with eyewear, respirators, hard hats, welding helmets and other PPE
- Soft and comfortable earplug tips available
- 2 radio Push-to-Talk (PTT) buttons and talk-thru volume
- Communicate without compromised hearing protection

Product #	Stock #	Description	Case Qty
ORA-BASE-BB	7000128207	In-Ear Headset	1
CON-HT750	7000128152	Motorola HT750 Radios and similar Connector	1
CON-HT1000	7000128151	Motorola HT1000 Radios and similar Connector	1
CON-TRB0	7000128153	Motorola HTRB0 Radios (XPR,APX) and similar Connector	1
CON-SDBB	7000128208	Remote Big Button Push-To-Talk (PTT)	1
CON-KNWTK	7000128155	Kenwood Multi-Pin Radio Connector	1
CON-CP200	7000128156	Motorola CP200 Radios and Similar Connector	1
CON-KNWTK	7000128155	Kenwood 2-prong Radio Connector	1

Product #	Stock #	Description	NRR	Case Qty
370-1019-10	7000128201	3M™ Skull Screws Replacement Tips	29 dB	1
420-2097-50	7000128157	3M™ Yellow Classics Replacement Tips	31 dB	1
420-2096-25A	7000128143	3M™ UltraFit Tips Replacement Tips	20 dB	1

## 3M™ Peltor™ Lite-Com Plus Headsets

### Features and Benefits

- Ghost voice menu prompts for easy mode selections
- Operates on a Lithium Ion battery pack.
- Push-to-Talk (PTT) or hands-free Voice-Activated (VOX) transmit functions
- Includes earcup microphone level-dependent function for environmental listening

Product #	Stock #	Description	NRR	Case Qty
MT7H7A4610-NA	7000108560	Headband	25 dB	1
MT7H7B4610-NA	7000108561	Neckband	24 dB	1
MT7H7P3E4310-NA	7000108562	Hard Hat Attached	33 dB	1



### 3M™ Peltor™ ORA TAC Radio Connector Assemblies and Accessories



Radio Connectors



Replacement Tips,



Remote Big Button



Remote Finger Push-to-Talk (PTT)



## 3M™ Peltor™ Lite-Com Pro II Headsets

### Intrinsically Safe and Programmable

The 3M™ Peltor™ Lite-Com Pro II Headset Radio offers an intrinsically safe and convenient way to help your team communicate in high noise environments. It features software programmability in order to tailor settings to your specific workplace needs.

### Features and Benefits

- Factory Mutual (FM) Approvals certified intrinsically safe\*
- Ghost voice menu prompts for easy mode selections
- Push-to-Talk (PTT) or hands-free Voice-Activated (VOX) transmit functions
- Rechargeable lithium-ion battery included
- External earcup microphones offer level-dependent function for environmental listening to max 82 dB

Product #	Stock #	Description	NRR	Case Qty
MT7H7F4010-NA-50	7000108478	Headband	25 dB	1
MT7H7B4010-NA-50	7000108479	Neckband	25 dB	1
MT7H7P3E4010-NA-50	7000108480	Hard Hat Attached	24 dB	1

\*Intrinsically safe, Class I, II, III, Division 1, applicable Groups A through G, T4, -20°C≤T≤50°C; Intrinsically safe, Class I, Zone 0, AEx ia IIC, T4, -20°C≤T≤50°C, hazardous locations.



## 3M™ Peltor™ Communication Solutions

If there is a need to use mobile phones, 3M™ Peltor™ Products also have headsets with Bluetooth® technology. This feature enables a wireless connection between the headset and mobile phones, or communication radios.



### 3M™ Peltor™ WS Series XP Headsets

Product #	Stock #	Description	NRR	Case Qty
MT53H7AWS5	7000043582	Headband	31	1
MT53H7BWS5	7000108511	Neckband	30	1
MT53H7P3EWS5	7000108510	Hard Hat Attached	26	1



### 3M™ Peltor™ WS Series ProTac XP Headsets

The 3M Peltor™ WS™ Series ProTac XP Headsets is an active-hearing protector that features Bluetooth® technology. The Bluetooth® function enables work with both hands free while taking calls via DECT – or mobile phones. The ambient listening function lets the user hear surrounding noise and converse with colleagues. The headset provides effective noise attenuation when sound level is high.

Product #	Stock #	Description	NRR	Case Qty
MT15H7AWS5	7000147316	Headband	31	1
MT15H7BWS5	7100005691	Neckband	30	1
MT15H7P3EWS5	710005686	Hard Hat Attached	31	1



Science.  
Applied to Life.™



# Detection Solutions

Area heat stress monitoring using Wet Bulb Globe Temperature (WBGT) sensing technology helps establish work/rest ratios. Protect your workers by understanding your surroundings and worker limitations.



## Monitoring Systems

### 3M™ WIBGET™ Heat Stress Monitor WB-300

The WIBGET monitor's portable and rugged design readily withstands the rigors of the workplace, and its suite of standard heat stress detection features and simple functionality make it a well-suited selection for area heat monitoring.

The WIBGET heat stress monitor performs dry and wet bulb monitoring of outdoor and indoor temperatures, and features a large wet bulb reservoir, shielded dry bulb, and a large LCD display for viewing parameters, including Celsius (C°) and Fahrenheit (F°) scales. The WIBGET heat stress monitor offers long battery operation using a 9-volt disposable battery or the rechargeable Nickel Metal Hydride (NiMH) battery pack option.

Product #	Stock #	Description
WB-300	7000053133	3M™ WIBGET™ Heat Stress Monitor Kit, includes 9V Alkaline Battery, Replacement Wicks, Water Bottle, Verification Module, and Storage Case



## Easy, Durable Noise Level Detection

### 3M™ Noise Indicator NI-100

- Red Flashing LED when noise level exceeds 85 dB
- Green Flashing LED when noise level is below 85 dB
- Rechargeable LI-Poly battery with approx. 200 hours operation before recharge
- Mini-USB cable (sold separately) for recharge
- Small, lightweight, durable with clip – ideal for workers to wear

Product #	Stock #	Description
NI-100	7100010223	3M™ Noise Indicator



## Entry Level Sound Meter

### 3M™ Sound Detector SD-200

- Compact, lightweight sound level meter designed for measurement of workplace noise levels
- Offers an integration feature that computes the average sound pressure level.
- Simple, user-friendly interface
- User selectable LED Alert screen provides visual reference of sound levels with green, yellow and/or red LEDs at preset noise levels
- Rechargeable battery, with up to 50 hours between charges

Product #	Stock #	Description
SD-200	7000002405	3M™ Sound Detector, USB Cable, Windscreen





# Protective Eyewear

Self-adjusting Pressure Diffusion Temple (PDT) Technology diffuses pressure over the ear while securely covering gaps and spaces around the eyes. Weighing in at less than 1 oz., 3M™ SecureFit Safety Eyewear has you protected.

# Protective Eyewear



## Polycarbonate Lens Selection Guide

This Polycarbonate Lens Selection Guide will help you understand the need for different colour lenses and lens types for industrial applications. It will also help you determine what type of lens is best for your application and environment. There are many lens options other than Clear, Grey and Mirror. When choosing a lens, the basic “rule of thumb” is to consider colour opposites.

Lens Colour/Type	Lens Properties/Use	Suggested Applications/Environments
Clear	Maximum amount of light reaches the eye for good vision and acuity.	General everyday eye protection.
Grey, Bronze	Reduces brightness and glare from the sun.	Mainly for outdoor daytime use as in typical sunglass use.
Mirror & Coloured Mirror	Reduces brightness and glare from the sun.	Mainly for outdoor daytime use as in typical sunglass use.
Indoor/Outdoor	Reduces brightness and glare when working both indoors and outdoors.	For tasks requiring frequent movement indoor to/from outdoor. Loading docks, forklift drivers, construction or similar jobs.
Photochromic	Reduces brightness and glare from the sun and indoor lighting.	Lens darkens when outside and lightens when inside. Do not use for frequent indoor to/from outdoor movement.
Polarized	Reduces brightness and glare from the sun.	Exceptional for reducing reflective glare. Mainly for outdoor use.
Yellow/Amber	Increases contrast, reduces haze from blue lighting, excellent UV protection.	Good for inspection tasks and hazy, overcast or foggy days. Never use for night driving.
Blue	Reduces brightness and glare from indoor lighting.	Very useful to reduce glare, eye stress and fatigue in yellow light environments.
Filter Shades, Green & Grey	Reduces ultraviolet, visible and infrared radiation.	Predominately used for gas welding, cutting, brazing and soldering, metal making, furnace work and open flames.
3M™ MinimizeR	Reduces ultraviolet, visible and infrared radiation.	Provides good visual sight and acuity while absorbing UV and some IR. Excellent in welding environments.



Mirror & Coloured Mirror



Indoor/Outdoor



Photochromic



Yellow/Amber



Blue



Polarized



Filter Shades Grey & Green



MinimizeR



Clear



Grey, Bronze

# 3M has a mission to help you protect your vision

When it comes to eyewear, a comfortable, well-fitted workforce is likely to be more effective – and certainly more compliant with eyewear protection standards. Uncomfortable and improperly fitting eyewear is less likely to be worn, thereby increasing the risk of exposure to eye-related injuries. The Eyewear Fit System, a simple 6-step method designed to help select the best fitting eyewear, can be conducted at your work site on a worker-by-worker basis.

## 4 Elements for optimum fit:

{ Visual Assessment }

### 1. View

Assessment to ensure the wearer can see in all directions of eye rotation without major obstruction to the field of view that would interfere with visibility to required perform work tasks.

### 2. Security

Assessment to ensure the eyewear stays in place on the wearer's head and does not fall off with head movement.

### 3. Coverage

The Coverage Gauge assesses how well the eyewear covers the soft tissue area around the eyes.

### 4. Gaps

The Gap Gauges help to identify excessive gaps between the eyewear and the face. Large gaps can provide a clear path for flying debris.

{ Measured Assessment }



## 6-Step method:

- Step 1: Style Protection
- Step 2: Ergonomic
- Step 3: Assessment
- Step 4: Worker Education
- Step 5: Ergonomic Re-check
- Step 6: Record Keeping

With 3M, there's so much to see – and we don't want you to miss a thing. Contact your 3M Distributor Manager for your 3M™ Eyewear Fit System.



## Your Safety in Sight

- Designed to help compare different styles/models of protective eyewear to help select the best fit for a specific individual
- Quick & easy – should only take 10-15 minutes per employee
- Elevates workforce compliance
- Developed exclusively by 3M





# Protective Eyewear



## 3M™ Safety Sunwear 1500-Series

Perfectly blending comfort, performance and flair, the 1500-Series offers a streamlined frame design with attitude and bold style. The foam-lined gasket helps provide cushioned protection against impact, sun, wind, and nuisance dust. Anti Fog and Polarized option available.

Compliance: CSA Z94.3 and ANSI Z87.1-2010

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
SS1502AF-W-CA	7000128313	White Frame	Grey AF	10
SS1514AS-S-CA	7000128311	Silver Black Frame	Silver Mirror AS	10
SS1511AF-B-CA	7000128312	Black Frame,	Grey Polarize AF	10



## 3M™ Safety Sunwear 1700-Series

The sport-styled 1700-Series combines comfort, clarity, and style, featuring a wraparound single lens design, soft adjustable nose bridge, impact-resistant polycarbonate lenses and colour-accented temples. Anti-scratch coated lens absorbs 99.9% UVA and UVB. Multi-layer blue mirror or red mirror lenses reduce brightness and glare from the sun.

Compliance: CSA Z94.3 and ANSI Z87.1-2010

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
SS1728AS-W-CA	7000128305	White Frame	Blue Mirror	10
SS1729AS-B-CA	7000128306	Black Frame	Red Mirror	10



## 3M™ Fuel™ 2 Safety Eyewear

A sleek, universal-fit design, with hot colours and flared accents creates attention with bold attitude. This is a “look” that gets looks from workers. And getting looks equals getting worn.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
11650-00000-10	7000002362	Metallic Sand	Red	10
11652-00000-10	7000002363	Silver	Blue	10
11653-00000-10	7000127521	Silver	Clear	10
11654-00000-10	7000052805	Black	Grey Anti-Fog	10



## 3M™ Smart Lens Safety Eyewear

Lightens and darkens with changing light conditions. Nylon brow and magnesium alloy temples. Spring-hinged temples for a narrow or wide fit. Soft, adjustable nose bridge. Changes from dark to clear in 35 seconds; allows 77.5% light transmission. Changes from clear to dark in 8 seconds; allows just 22% light transmission. Polycarbonate lens with abrasion-resistant hard coat absorbs 99.9% UV.

Compliance: Meets the High Impact Requirements of ANSI Z87.1-2003.

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
13407-00000-5	7000052827	Black	Photochromic	5



### 3M™ Maxim GT Safety Eyewear

Protective eyewear with a lightweight frame and cushioned browguard for added comfort. Metallic grey frame colour, soft black rubber accents and adjustable dual-injected temples with 3-position lens adjustment for day-long comfort.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
14246-00000-20	7000052869	Black	Clear Anti-Fog	20
14247-00000-20	7000052870	Black	Grey Anti-Fog	20
14248-00000-20	7000052871	Black	I/O Mirror	20



### 3M™ Maxim Plus Safety Eyewear

Wider frame fits workers with larger head sizes.

Compliance: Meets CSA Z94.3 ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
14246-00000-20	7000052869	Black	Clear Anti-Fog	20
14247-00000-20	7000052870	Black	Grey Anti-Fog	20
14248-00000-20	7000052871	Black	I/O Mirror	20



### 3M™ Metaliks Safety Eyewear

A distinctive, contemporary look, sets the Metaliks Family of Safety Eyewear apart from the competition. Features include a polished metal frame with a sweeping 10-base lens geometry. Formable, rubber tipped temples and a soft nose bridge complement the wrapped protection.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
11532-10000-20	7000127516	Blue	Clear Anti-Fog	20
15170-10000-20	7000127552	Silverized	Clear Anti-Fog	20
15171-10000-20	7000052830	Silverized	Grey Anti-Fog	20
15172-10000-20	7000127571	Silverized	I/O Mirror	20



### 3M™ Metaliks Sport Safety Eyewear

A brushed nickel frame and a sports-styled lens adds adrenaline to the Metaliks Family of Safety Eyewear. Rubber tipped temples and a soft pinlock to complement the wrapped protection.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
11343-10000-20	7000127488	Brushed Nickel	Clear Anti-Fog	20
11344-10000-20	7100009573	Brushed Nickel	Grey Anti-Fog	20
11345-10000-20	7000042888	Brushed Nickel	I/O Mirror	20
11346-10000-20	7000127489	Brushed Nickel	Amber Anti-Fog	20
11540-10000-20	7100006313	Brushed Nickel	Blue Mirror	20
10151-00000-20	7000127614	Brushed Nickel	Railway Signal Recognition	20

# Protective Eyewear



## 3M™ Maxim Safety Eyewear

Tough by design, but with a weight of less than an ounce, Maxim safety eyewear has the style, comfort and fit you want and features DuoForm mold processing, elastomeric browguard and temple accents. Dual-aspheric lens provides distortion-free vision.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
13250-00000-20	7000052822	Black Adjustable	Clear	20
13251-00000-20	7000052823	Black Adjustable	Bronze	20
13252-00000-20	7000052824	Black Adjustable	I/O Mirror	20



## 3M™ Maxim Sport Safety Eyewear

Sport true style with Maxim Sport. Athletically inspired frame design in combination with the patented, sleek, dual-aspheric lens creates a uniquely styled protective eyewear product.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
13274-10000-20	7000052826	Silver Sport-Grip	Blue Undermold Clear	20



## 3M™ Lexa Safety Eyewear

Provides a unique combination of performance, comfort, fit, and application versatility. The Lexa line includes task-specific lens tints and shades.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
15200-00000-20	7000052831	Black	Clear DX	20
15204-00000-20	7000127557	Black	Clear DX	20
15100-00000-20	7000127548	Black	Clear DX	20
15152-00000-100	7000127549	Black	Clear	100
15154-00000-100	7000127551	Black	Clear	100
15245-00000-20	7000127558	N/A	Clear DX	20



## 3M™ Lexa Readers Safety Eyewear

Lexa Bifocal Readers are available in three different magnification diopters for workers who have difficulty reading small print or who engage in small detail work.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards.

Readers meet ANSI Z87.1 only

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
Readers				
13353-00000-20	7000127543	Black	Clear	20
13354-00000-20	7000127544	Black	Clear	20
13355-00000-20	7000127545	Black	Clear	20



### 3M™ QX Eyewear

Features a curved lens for the popular athletic look and offers many options to maximize fit and comfort for virtually every worker. Three temple designs, and two nosepiece styles offer better fit for a wider selection of facial profiles. The wraparound design and seamless lens provide excellent front and side coverage, distortion-free vision, and excellent peripheral clarity.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards.

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
12100-10000-20	7000052813	1000 Eyewear Black Spatula	Clear	20
12101-10000-20	7000127528	1000 Eyewear Black Spatula	Grey	20
12109-10000-20	7000002370	2000 Eyewear Black Spatula	Soft Nose Clear	20
12110-10000-20	7000030004	2000 Eyewear Black Spatula	Soft Nose Grey	20
12115-10000-20	7000127529	2000 Eyewear Black Sport Grip	Soft Nose Clear	20



### 3M™ Privo Safety Eyewear

Sleek European inspired styling. Soft DuoForm molded nose bridge and temple tips for all day comfort. Universal fit design, available with Anti-Fog lenses.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
12261-00000-20	7000127535	Black	Clear	20
12262-00000-20	7000127536	Black	Grey	20
12263-00000-20	7000052818	Black	Amber	20
12264-00000-20	7000127537	Black	I/O Mirror	20
12265-00000-20	7000127538	Silver	Clear	20
12266-00000-20	7000148518	Silver	Grey	20
12267-00000-20	7000127539	Silver	Amber	20
12268-00000-20	7000127540	Silver	I/O Mirror	20



### 3M™ X.Sport Safety Eyewear

X.Sport protective eyewear combines unisex athletic style and comfort with a lightweight, high wrap nylon frame, flexible 3M™ Sport Grip Temples, adjustable nose bridge and polycarbonate anti-fog lens.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
15176-00000-20	7000127553	Black	Grey Anti-Fog	20
15177-00000-20	7000127554	Black	Grey Anti-Fog	20
15178-00000-20	7000127555	Black	I/O Mirror	20
15182-00000-20	7000127556	Silverized	Clear Anti-Fog	20



### 3M™ SX Safety Eyewear

Provides protection and sports-inspired style with a sleek design. Lightweight with distortion-free optics. Adjustable temples. DX Anti-Fog Hard Coat.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
12135-00000-20	7000052814	Black	Clear	20
12137-00000-20	7000127531	Black	Grey	20
12141-00000-20	7000052815	Black	Clear	20

# Protective Eyewear



## 3M™ BX Safety Eyewear and Readers

Adjusts to the workers, instead of workers having to adjust to it. With many adjustable features, BX eyewear helps provide a better fit, which can help workers have a better attitude towards wearing their eyewear. BX readers feature lenses with built-in bifocals available in three different magnification diopters for workers who have difficulty reading small print or who engage in small detail work.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Diopter	Case Qty
11380-00000-20	7000052795	Silver/Black	Clear	N/A	20
11381-00000-20	7000052796	Silver/Black	Grey	N/A	20
11471-00000-20	7000052800	Ocean Blue	Clear	N/A	20
11472-00000-20	7000127503	Ocean Blue	I/O Mirror	N/A	20
11523-00000-20	7000127514	Ocean Blue	Light Blue	N/A	20
11524-00000-20	7000127515	Ocean Blue	Light Amber	N/A	20
11525-00000-20	7000052804	Ocean Blue	Grey	N/A	20
<b>Readers</b>					
11374-00000-20	7000127490	Silver/Black	Clear	+1.5	20
11375-00000-20	7000052794	Silver/Black	Clear	+2.0	20
11376-00000-20	7000127491	Silver/Black	Clear	+2.5	20
11377-00000-20	7000127492	Silver/Black	Grey	+1.5	20
11378-00000-20	7000127493	Silver/Black	Grey	+2.0	20
11379-00000-20	7000127494	Silver/Black	Grey	+2.5	20
11473-00000-20	7000127504	Ocean Blue	I/O Mirror	+1.5	20
11474-00000-20	7000052801	Ocean Blue	I/O Mirror	+2.0	20
11475-00000-20	7000127505	Ocean Blue	I/O Mirror	+2.5	20



## 3M™ Nuvo Eyewear and Readers

True Retro-Styling of the 1960's has been reinterpreted into the Nuvo protective eyewear. Nuvo eyewear affords incredible protection in a lightweight comfortable frame with the classic look of a dual lens and soft nose piece. True Retro-Styling reminiscent of the 1960s; available in 3 bifocal magnification strengths: +1.5, +2.0, +2.5.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Diopter	Case Qty
11411-00000-20	7000127497	Translucent Grey Brow Grey	Clear Anti-Fog	N/A	20
11412-00000-20	7000127498	Translucent Grey Brow Grey	Clear Anti-Fog	N/A	20
<b>Readers</b>					
11434-00000-20	7000052797	Translucent Grey	Clear	+1.5	20
11435-00000-20	7000052798	Translucent Grey	Clear	+2.0	20
11436-00000-20	7000052799	Translucent Grey	Clear	+2.5	20
11500-00000-20	7000127509	Translucent Grey	Grey	+1.5	20
11501-00000-20	7000127510	Translucent Grey	Grey	+2.0	20



### 3M™ Virtua AP Safety Eyewear

3M™ Virtua AP protective eyewear offers sleek, unisex styling, lightweight comfort and exceptional value. It is designed with high-wrap polycarbonate lenses and integrated sideshields to provide comfortable fit and ultimate protection.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
11815-00000-20	7000030050	Clear	Grey	20
11816-00000-20	7000030051	Clear	Light Blue	20
11817-00000-20	7000030052	Clear	Amber	20
11818-00000-20	7000030053	Clear	Clear	20
11819-00000-20	7000030054	Clear	Clear	20
11847-00000-20	7000030055	Clear	I/O Mirror	20



### 3M™ Virtua Protective Eyewear V10

Sport styling look. Adjustable temple lengths. Soft, adjustable nose bridge.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
11724-00000-20	7000127524	Grey	Clear	20



### 3M™ Virtua Cord Control System (CCS) Protective Eyewear with Foam Gasket

Comfortable, lightweight frame features the Cord Control System (CCS) with optional foam gasket attachment. Features a comfortable seal that helps limit eye exposure to nuisance dust while providing additional cushioning.

Compliance: Meets CSA Z94.3-07 and ANSI Z87.1-2010 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
11872-00000-20	7000128259	Clear Blue	Clear Anti-Fog	20
11873-00000-20	7000128260	Clear Blue	Grey Anti-Fog	20
11874-00000-20	7000128261	Clear Blue	I/O Anti-Fog	20
<b>Readers</b>				
VC215AF	7100046796	Clear Blue	Clear Anti-Fog	20
VC220AF	7100046672	Clear Blue	Clear Anti-Fog	20
VC225AF	7100046673	Clear Blue	Clear Anti-Fog	20

# Protective Eyewear



## 3M™ SecureFit Protective Eyewear, 400 Series

3M™ SecureFit Protective Eyewear, 400 Series enhances comfort and security of fit with soft adjustable nose pads and dual injected temples.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Diopter	Case Qty
SF401AF-CA	7100025848	Clear/Black	Clear Anti-Fog	N/A	20
SF403AF-CA	7100025849	Clear/Black	Amber Anti-Fog	N/A	20
SF404AF-CA	7100025850	Clear/Black	Light Blue Anti-Fog	N/A	20
SF410AS-CA	7100025851	Clear/Black	I/O Anti-Scratch	N/A	20
SF402AF-CA	7000128259	Clear/Black	Grey Anti-Fog	N/A	20
<b>Readers</b>					
SF415AF	7100064146	Clear/Black	Clear Anti-Fog	+1.5	20
SF420AF	7100064148	Clear/Black	Clear Anti-Fog	+2.0	20
SF425AF	7100064147	Clear/Black	Clear Anti-Fog	+2.5	20



## 3M™ SecureFit Protective Eyewear, 200 Series

3M™ SecureFit Protective Eyewear features proprietary self-adjusting 3M's Pressure Diffusion Temple Technology – a scientific advancement that helps diffuse pressure over the ear, enhancing frame comfort while at the same time ensuring a secure fit across diverse workforces.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
SF201AF-CA	7000128307	Clear	Clear AF	20
SF202AF-CA	7000128308	Grey	Clear AF	20
SF203AF-CA	7000128309	Amber	Amber AF	20
SF201AS-CA	7000128262	Clear	Clear AS	20





### 3M™ Tour-Guard III Safety Eyewear

3M™ Tour-Guard Safety Eyewear is an economical choice when you need safety glasses for visitors. Can be worn alone or the design allows it to fit over most prescription glasses.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
41110-00000-100	7000052839	958 - Clear	Clear	100
41120-00000-100	7000002379	958B - Clear	Clear	100
41200-00000-100	7000127568	960 - Clear	Clear	100
41210-00000-100	7000127569	960B - Clear	Clear	100



### 3M™ OX Safety Eyewear

“Over-the-glass” eyewear extends the view, increases comfort and provides custom fitting and adjustability for prescription eyewear wearers.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
12159-00000-20	7000002372	Black	Clear	20
12163-00000-20	7000042891	Black	Clear DX	20
12166-00000-20	7000002373	Black Secure Grip	Clear DX	20



### 3M™ KX Safety Eyewear

Incorporates modern design and Hinge Clip technology for easy temple opening and closing. Ideal for temporary workers or visitors.

Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards.

Product #	Stock #	Frame Colour	Lens Colour	Case Qty
12150-00000-20	7000052816	Black	Clear	20
12155-00000-20	7000052817	Black	Clear	20

# Protective Eyewear



3M™ Maxim Goggles		Product #	Stock #	Lens Colour	Case Qty
	<b>3M™ Maxim Splash Goggle</b> Sleek design meant to complement most facial shapes, with an Over-The-Glass lens for workers who wear prescription eyewear. The advanced DuoSoft Polymeric Shroud helps ensure enhanced comfort at every "touch point". Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards	40671-00000-10	7000052837	Clear DX O-T-G Lens	10
	<b>3M™ Maxim 2x2 Air Flow Goggle</b> Features a modern, lightweight slim design with a nylon frame. Vented for comfort and reduced fogging. Elastic headband for comfortable secure fit. Suitable for a number of different applications where a versatile, comfortable goggle is required. Provides a good fit for smaller faces. Compliance: Meets ANSI Z87.1 and CSA Z94.3 Standards	40698-00000-10	7000127226	Clear, Anti-fog Lens, Black Strap	10
		40699-00000-10	7000127227	Grey, Anti-fog Lens, Black Strap	10
	<b>3M™ Maxim 2x2 Air Seal Goggle</b> Revolutionary safety frame able to switch from temples to a headband in a few seconds. The headband gives the possibility of comfortably wearing this low profile goggle with an earmuff. A venting system has been designed to release heat and assist in fog reduction. Available in choice of goggle only with interchangeable temples/ headband (40686/40687) or complete kit with replacement lenses and carrying case (40678/40679). Compliance: Meets ANSI Z87.1 Standards	40686-00000-10	7000052838	Black Frame, Clear Lenses, Strap, Temples	10
		40687-00000-10	7000127566	Black Frame, Grey Lenses, Strap, Temples	10
		40696-00000-10	7000127567	Black Frame, Clear Lenses, Strap, Temples w/side Venting	10
3M™ Lexa GoggleGear Safety Goggles		Product #	Stock #	Lens Colour	Case Qty
	<b>3M™ Lexa Dust GoggleGear Safety Goggles</b> Seals out particulates and is comfortable for all day use. The polyurethane foam is easily cleaned and is self-extinguishing. Lens provides a wider view of the work area than traditional impact goggles and includes vent channels at top and bottom for improved airflow and comfort. 3M™ DX Anti-Fog Hard Coat guards against fogging, scratching, and static. Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards	16152-00000-10	7000128169	Clear Lens, Medium, Strap and Temple Combo	10
		16153-00000-10	7000128170	Clear Lens, Large, Strap and Temple Combo	10
	<b>3M™ Lexa Splash Safety Goggles</b> Weighs just 1.8 oz. The patented ellipsoidal Lexa lens extends the viewing range further, even peripherally. Not bulky like other goggles, Splash GoggleGear has a contoured, low profile design. A soft PVC shroud gently hugs the face and is indirect vented to allow cooling air flow and help prevent fogging. The exclusive 3M™ DX Anti-Fog Hard Coat resists fogging, scratching, static, and most chemicals. Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards	16154-00000-10	70071614187	Clear Shroud W/Lens, Medium	10
		16155-00000-10	70071614195	Clear Shroud W/Lens, Large	10
	<b>3M™ Fectoggles Safety Goggles</b> Available in medium and large, Fectoggles safety goggles combine the sight and comfort advantages of spectacles with the impact protection of goggles. Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards	16151-00000-10	70071614153	Clear Lens, Medium, Strap and Temple Combo	10
		16150-00000-10	7000128167	Clear Lens, Large, Strap and Temple Combo	10
3M™ Centurion Safety Goggles		Product #	Stock #	Lens Colour	Case Qty
	<b>3M™ Centurion Impact Safety Goggles 452</b> Offers direct ventilation for cooling comfort while offering impact protection. Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards	40300-00000-10	7000127564	Clear Lens	10
		40301-00000-10	7100009575	Clear Anti-Fog Lens	10
	<b>3M™ Centurion Splash Safety Goggles 454</b> Vertical, indirect-venting system designed to minimize fogging while providing protection against splash liquid contaminants. Compliance: Meets CSA Z94.3 and ANSI Z87.1 Standards	40304-00000-10	7000127565	Clear Lens	10
		40305-00000-10	7000002377	Clear Anti-Fog Lens	10

## Eye injuries. You rarely see them coming.

### Stay at the forefront of technology to keep your workforce safe.

We offer 3 critical components to help you administrate a prescription safety eyewear program.

1. **Control** – Helping you control your program with regards to options allowed and cost per pair of eyewear.
2. **Informed** – Providing you with tools to keep your employees informed about the details of your safety prescription eyewear program.
3. **Instruct** – Instructing the Eye Care Professionals (ECP) to follow the parameters of your program.

### Why work with 3M?

Let the 3M Prescription Eyewear team help you to create and implement programs designed to fit your employees with the proper protective eyewear for their job to help reduce eye injuries.

- + Reliable and Comprehensive Eye Protection
- + Eyewear Manufactured to Meet Current Z94.3 Guidelines
- + Lenses – Latest Designs and Technology
- + Great Selection of Frame Styles
- + National Network of Eye Care Professionals
- + Simplified, Competitive Pricing
- + ISO 9001 certified manufacturing facility



## Features Selection Guide

		Lens Tints or Shades											
		Clear	Grey	Bronze	I/O Mirror	Blue Mirror	Red Mirror	Light Blue	Amber	Polarized	RSR	MinimizeR	Photochromic
SAFETY EYEWEAR													
PREMIUM	3M™ Smart Lens												●
	3M™ Fuel™ 2		●			●	●						
	3M™ Light Vision 2	●											
	3M™ Safety Sunwear		●			●	●			●			
VALUE PLUS	3M™ Metaliks	●	●		●						●		
	3M™ Metaliks Sport	●	●		●	●			●		●		
	3M™ Maxim	●		●	●								
	3M™ Maxim Plus	●	●										
	3M™ Maxim Sport	●			●								
	3M™ Maxim GT	●	●		●								
	3M™ Lexa	●	●										
	3M™ Fectoids	●											
VALUE	3M™ QX	●	●									●	
	3M™ Privo	●	●		●				●				
	3M™ Nuvo	●	●		●								
	3M™ BX	●	●		●			●	●				
	3M™ SX	●	●										
	3M™ X.Sport	●	●		●								
	3M™ Nassau Rave	●											
	3M™ Nassau Plus	●											
ECONOMY	3M™ Virtua V10	●											
	3M™ Virtua Sport	●	●		●			●	●				
	3M™ Virtua Max	●	●										
	3M™ Seepro	●											
	3M™ Seepro Plus	●											
	3M™ KX	●											
	3M™ OX	●											
	3M™ Tour-Guard III	●											
	3M™ SecureFit	●	●						●				
	3M™ Virtua CCS Foam	●	●		●								
	SAFETY GOGGLES												
	3M™ Maxim Splash	●											
	3M™ Maxim 2x2	●	●						●				
	3M™ Lexa Dust GoggleGear	●											
	3M™ Centurion	●											
	3M™ Lexa Splash GoggleGear	●											
	3M™ Fectoggles	●											

Lens Tints or Shades					Lens Coatings				Comfort		Adjustability		
	Shade 3.0	Shade 5.0	Grey I/O	Readers	Uncoated	Hard Coat	Anti-Fog	DXAF/HC	Soft Nose Bridge	Soft Temple Tips	Temples	Nose Bridge	Lens Angle
						•			•			•	
						•	•		•				
				•			•	•	•	•			
						•	•		•	•			
						•	•			•	•		
	•							•	•		•	•	•
								•	•		•	•	•
								•	•	•		•	•
						•	•		•	•	•		•
	•	•		•				•	•		•	•	•
								•	•		•	•	•
								•	•		•		
				•		•	•		•	•	•		
			•	•		•	•		•		•	•	•
	•	•				•	•		•		•		•
		•					•				•		
			•			•	•		•		•		
			•			•	•						
							•				•		
					•			•			•		
					•			•			•		
					•								
						•	•						
							•	•					
								•					•
					•		•						
							•						
								•					



Science.  
Applied to Life.™

# Head & Face Protection

Lightweight High Density Polyethylene (HDPE)  
used to create durable hardhats. Making sure you're  
covered under any circumstances.

# 3M™ Hard Hats are available in several colours.

- Non-Vented hard hats meet the requirements of CSA Z94.1 Approved, ANSI/ISEA Z89.1, Type I, Class C, G, and E.
- Vented hard hats meet the requirements of CSA Z94.1 Approved 1ANSI/ISEA Z89.1, Type I, Class C.



## Product Codes Explained

H-701R code stands for Standard Ratchet Headgear. To add Uvicolor to the hard hat add UV to the end of the code. **Example: H-701R-UV**

For a vented hard hat remove the 'R' and add a 'V' to the product code. **Example: H-702V (Yellow vented hard hat)**

For a vented and Uvicolor add a VUV to the product code. **Example: H-703V-UV**



## 3M™ Hard Hats H-700 Series

- Comfortable 4-point Ratchet or Pinlock suspension system with height adjustment
- Low-profile, short brim design for balance, stability and upward visibility
- Vented and non-vented versions
- Meets the requirements of CSA Z94.1-05 Type 1, Class C, G and E. (Vented versions are class C only)
- Optional 3M™ UVicator Sensor changes colour from red to white as the hard hat is exposed to UV light, alerting the wearer that it's time for a replacement
- Custom Logo available

## 3M™ Hard Hats H-800 Series

- Comfortable suspension sits lower on head to reduce pressure points and increase security, especially when looking up and bending down
- Optimized comfort with 3 levels of adjustment
- Smooth, easy turning ratchet suspension
- 4 and 6-point suspension combinations
- Absorbent brow pad provides comfort and ventilation
- Meets the requirements of CSA Z94.1-05 Type 1, Class C, G and E. (Vented versions are class C only)
- Optional 3M™ UVicator Sensor changes colour from red to white as the hard hat is exposed to UV light, alerting the wearer that it's time for a replacement
- Custom Logo available

## Advanced protection from a leader in safety.



The 3M™ Brand is synonymous with innovation and technical precision. We're at the leading edge of head and face protection because we have our ear to the ground. We understand the nuanced needs of different market segments, and we're constantly elevating the standards of personal safety for a wide range of industries.

We design and produce hard hats, Faceshields, combination systems and accessories to meet a diverse spectrum of needs. We're committed to producing consistently reliable, user-friendly products – and that commitment is demonstrated by each offering in our varied catalogue.

Our head and face products help deliver protection, comfort and performance.

**3M offers complete solutions for head and face protection. Components can be combined to accommodate the needs of your application or environment.**



### 3M™ Hard Hats



Engineered for extended comfort and durability, cap-style brim and full-brim hard hats work as hard as the people who wear them.

### 3M™ Faceshields



Designed for industries requiring face coverage, our Faceshields offer reliable protection with versatile features.

# Head & Face Protection



## 3M™ Peltor™ Visors & Components for Hard Hat Assembly

- Snaps easily into any hard hat with universal slots
- Brimless, lightweight protection against particles and liquids
- Unique linkage system for working and standby positions

Product #	Stock #	Description	Case Qty
P3EV/2-10P	7000103847	Hard Hat Attachment	5
V1A	7000103808	Black Matte Metal Visor	10
V1B	7000103809	Black Nylon Mesh Visor	10
V2A	7000103810	Clear Acetate Visor	10
V2B	7000103811	Green Polycarbonate Visor	10
V2C	7000103812	Clear Polycarbonate Visor	10
V4D	7000103816	Multivisor System – Clear Acetate Anti-Fog Visor	10
V4F	7000103817	Multivisor System – Clear Polycarbonate Visor	10
B7F	7000104032	Clear Polycarbonate Visor	10



## 3M™ LumberJack Systems

- Combination head, face and hearing protection
- Exclusively designed for the Lumber and Agricultural industries
- NRR 22 dB

Product #	Stock #	Description	Case Qty
PG2008MUV	7000103833	LumberJack Orange Hard hat, V4A Metal Mesh Visor, H31P3E Ear Muff	1
GR1C	7000103818	LumberJack Systems – Orange Rain Shield	10
GR2B	7000103819	LumberJack Systems – Visor Sealing	10
GR2F	7000137976	LumberJack Systems – Rain Shield	10
GR7B	7000104110	Replacement Visor Sealing	10
GR7F	7000138140	Hard Hat Front Visor Seal For Heat	10



# Head & Face Protection



## 3M™ Headgear for Replaceable Faceshields

- Complete headgear and faceshield unit
- Meets ANSI Z87.1 and CSA Z94.3

Product #	Stock #	Description	Case Qty
82501-00000	7000002290	H8A Deluxe Ratchet Headgear	10
82502-00000	7000002291	H18 Cap Mount Headgear	10
82516-00000	7000052751	H10 Ratchet Headgear With Crown	10



## 3M™ Headgear System & Cap Mount Headgear

- Say goodbye to metal snaps, cams or bands
- Features a patented, unique system that allows window replacement in seconds
- Meets ANSI Z87.1 and CSA Z94.3
- Moulded replacement stock

Product #	Stock #	Description	Case Qty
82700-00000	7100000260	W96 Clear Propionate Window	10
82701-00000	7000002339	WP96 Clear Polycarbonate Window	10
82702-00000	7000002340	WP96C Dark Green Polycarbonate	10
82525-00000	7000127232	WP96B Medium Green Polycarbonate	10
82543-00000	7000002337	WP98 Clear Polycarbonate, fits HCP8 Clear Chin Protector	10
82582-00000	7000127236	WP96X Clear Large Polycarbonate Window	25



# 3M™ Headgear and Faceshields Combinations H-Series



## Advanced protection from a leader in safety.

The 3M line of headgear and visors are the first line of head and eye defense against heat, debris and chemicals. We designed innovative headgear and visors 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.

### 3M™ Headgear and Faceshields

Choose from a range of headgear and visor combinations to build a faceshield that fits your needs. Using headgear H8A, H10, H18, H18P and H24M allows you to choose from multiple styles of Faceshield attachments that work with your working environment. Contact your local 3M Sales Representative or Distribution Relationship Manager.



#### Visor (Clear, Mesh or Green)

Clear Mesh: W96M, W96MW  
Green: WP96BAL, WP96XBAL,  
WP96B, WP96C



#### Impact

WP98, WP96R, WP96X,  
WP96, WCP96



#### Chemical

WA96R, WE96S, WE96X, W96

























#### Specialized

WCP96G, WCP96BG, WCP96CG,  
WCP96, WCP96B, WP96IR3,  
WP96IR5

# Head & Face Protection

## Product H-Series

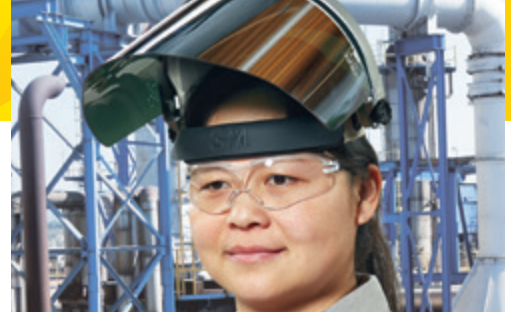
### Technical Details - Faceshields

	Product #	Stock #	Faceshield Material	High Impact	Chemical Resistance	Anti-Glare	Heat Resistance	Size	Case Qty
	82700-00000	7100000260	Clear Propionate				210°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10
	82701-00000	7000002339	Clear Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10
	82582-00000	7000127236	Clear Polycarbonate, Wide				266°F	22 cm x 46 cm x 0.1 cm (9" x 18.25" x 0.04")	25
	82581-00000	7000127235	Clear PETG, Wide				176°F	22 cm x 46 cm x 0.1 cm (9" x 18.25" x 0.04")	25
	82580-00000	7000127234	Clear PETG, Short				266°F	19 cm x 46 cm x 0.1 cm (7.5" x 14.5" x 0.04")	50
	82525-00000	7000127232	Med Green Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10
	82702-00000	7000002340	Dark Green Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10
	82518-00000	7000052706	Med Green Aluminized Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10
	82600-00000	7000052753	Dual Coated Clear Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10
	82602-00000	7000127238	Dual Coated Gold Plated Clear Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10

\*Hard coat outside, anti-fog inside. High-heat headgear and aluminized or gold-plated Faceshields reflect heat, with gold being the most reflective.



\*Protective safety eyewear must be used with all liftable headgear visors as required by CSA Z94.3 Eye and Face Protection Standard.



## Technical Details - Faceshields

	Product #	Stock #	Faceshield Material	High Impact	Chemical Resistance	Anti-Glare	Heat Resistance	Size	Case Qty
	82604-00000	7000127239	Dual Coated Gold Plated Dark Green Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10
	82543-00000	7000002337	Clear Polycarbonate for HCP8 or with CP8 in any Headgear				266°F	18 cm x 46 cm x 0.1 cm (7" x 18" x 0.04")	10
	82506-00000	7000127168	Steel Mesh Screen					22 cm x 36 cm (9" x 14.5")	10
	82511-00000	7000127231	Steel Mesh Screen with Clear Acetate Eye Shield					22 cm x 36 cm (9" x 14.5")	10
	82705-10000	7000127240	Impact-Resistant Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10
	82706-10000	7000127241	Impact-Resistant Polycarbonate				266°F	22 cm x 36 cm x 0.2 cm (9" x 14.5" x 0.08")	10

## Accessories – 3M™ Chin Protector

	Product #	Stock #	Faceshield Material	High Impact	Chemical Resistance	Anti-Glare	Heat Resistance	Size	Case Qty
	82542-00000	7000127233	Clear Polycarbonate Chin Protector				266°F	N/A	10

\*CP8 must be used in conjunction with WP98

\*Hard coat outside, anti-fog inside. High-heat headgear and aluminized or gold-plated Faceshields reflect heat, with gold being the most reflective.



\*Protective safety eyewear must be used with all liftable headgear visors as required by CSA Z94.3 Eye and Face Protection Standard.

# Head & Face Protection

## 3M™ Hard Hat V-Series Product Combinations



P3EV/2

P3E Ear Muffs

### 3M™ Hard Hat H-700 Series

The trusted 3M name and our adherence to rigorous safety standards mean that this versatile hard hat is designed to give you superior protection.

Using the 3M™ Hard Hat H-700 and one of the visor and hearing protection attachments allows you to choose from multiple styles of Faceshields that fit your working environment.

**Contact your local 3M Sales Representative or Distribution Relationship Manager**

#### Combinations that are versatile, adaptable and durable.

We design and produce hard hats, Faceshields, combination systems and accessories to meet a diverse spectrum of needs.

We're committed to producing consistently reliable, user-friendly products – and that commitment is demonstrated by each offering in our varied catalogue.

Our head, face and hearing products help deliver protection, comfort and performance.



#### Impact

V2C, V2CS, V3C, V3CS, V4F, V7F



#### Visor (Clear, Mesh or Green)

Clear Mesh: V1A, V1B, V4A, V4B

Green: V2B, V2BSP



#### Chemical

V2A, V3F, V4D



## Technical Details - Visors

	Product #	Stock #	Faceshield Material	Included Components	Impact Ratings	Heat Resistance	Chemical Resistance	Size	Case Qty
	V2C-10P	7000103812	Clear Polycarbonate	Linkage	Z87+	266°F		20 cm x 30 cm x 0.1 cm (8.25" x 12.125" x 0.04")	10
	V3C-10P	7000103813	Clear Polycarbonate, Short	Linkage	Z87	266°F		15.5 cm x 30 cm x 0.1 cm (6.125" x 12.125" x 0.04")	10
	V3F-10P	7000103814	Clear Acetate with Nose Cutout	Linkage	Z87	200°F		13 cm x 30 cm x 0.1 cm (5.5" x 12.125" x 0.04")	10
	V1A-10P	7000103808	Black Metal Mesh	Linkage	Z87			16.5 cm x 29 cm (6.5" x 11.5")	10
	V1B-10P	7000103809	Black Nylon Mesh	Linkage	Z87			16.5 cm x 29 cm (6.5" x 11.5")	10
	V2A-10P	7000103810	Clear Acetate	Linkage	Z87	200°F		20 cm x 30 cm x 0.1 cm (8.25" x 12.125" x 0.04")	10
	V2B-10P	7000103811	Green Polycarbonate Anti-glare	Linkage	Z87+	266°F		20 cm x 30 cm x 0.1 cm (8.25" x 12.125" x 0.04")	10
	V4A-10P	7000103815	Black Metal Mesh	Visor Peak Frame and Linkage	Z87 and Z94.3			16.5 cm x 29 cm (6.5" x 11.8")	10
	V4D-10P	7000103816	Clear Acetate with Anti-Fog Coating	Visor Peak Frame and Linkage	Z87 and Z94.3	200°F		17 cm x 29 cm x 0.1 cm (7" x 11.8" x 0.04")	10
	V4F-10P	7000103817	Clear Polycarbonate	Visor Peak Frame and Linkage	Z87 and Z94.3	266°F		17 cm x 29 cm x 0.1 cm (7" x 11.8" x 0.04")	10
	V7F	7000104032	Clear Polycarbonate	Linkage	Z87+ and Z94.3	266°F		20 cm x 30 cm x 0.1 cm (8.25" x 12.125" x 0.04")	10

Z87 is ANSI Z87.1 Eye and Face Protector Standard - Basic Impact Only  
Z87+ is ANSI Eye and Face Protector Standard - High Speed Impact  
Z94.3 meets requirements of CSA Z94.3 Eye and Face Protection Standard



# Fall Protection

3M™ Self-Retracting Lifelines are serviceable on your job site. This means less downtime and repairs, letting you get back to the job right away.

# The demands of your job put you at risk — every day.

## Effective fall protection is as easy as A, B, C & D

The first four letters of the alphabet help us understand the components of fall protection. **A** is for anchorage, **B** is for body support, **C** is the connector that joins the two, and **D** stands for the descent and rescue plan that must be on-site for each job. Yet fall protection isn't just about having the best equipment — it's also about using the equipment properly.

### A ANCHORAGE CONNECTORS

**Anchorage connectors**, as defined by OSHA, are secure points of attachment for lifelines, lanyards or deceleration devices and are designed to hold fast under the forces generated during a fall. Anchorage connectors vary by industry, job, type of installation and structure.

- An anchorage connector may be a beam anchor, hook anchor, cross-arm strap, D-bolt, tripod, davit or other secure device that serves as a point of attachment.
- Anchorages and anchorage connectors must be independent and capable of supporting 5,000 lbs. per worker attached, or they may be designed, installed and used under the supervision of a qualified person as part of a complete personal fall arrest system that maintains a safety factor of at least two times maximum arresting force. They must also be located high enough for a worker to avoid contact with a lower level should a fall occur.

### B BODY SUPPORT

**Full Body Harnesses** are used to distribute fall arrest forces across the shoulders, upper thighs, chest, and pelvis. They feature a centre back fall arrest attachment (dorsal D-ring) for clipping to the fall arrest connector and may have other D-rings for use in worker positioning, travel restraint, retrieval or ladder climbing. They are the only form of bodywear acceptable for fall arrest and should be selected based on the job task as well as the work environment.

**Body Belts** circle the waist and are used for worker positioning and travel restraint. While they are used in conjunction with a full body harness, they must NEVER be used for personal fall arrest.

### C CONNECTORS

**Connectors** attach the worker's harness to the anchorage connector. Types will vary depending on whether the worker needs connecting for either of the following:

- **Personal Fall Arrest**  
This connector is often a lanyard equipped with an energy-absorbing element to reduce the force transmitted to the user's body in the event of a fall.
- **Positioning and Travel Restriction**  
This connector is usually a simple lanyard intended to reduce the potential for entering a fall hazard zone or for free falling from a distance of less than 2 feet.

### D DESCENT AND RESCUE DEVICES

Users must have a rescue plan that either provides the prompt rescue of employees in the event of a fall or ensures that employees are able to rescue themselves.



# The security you need. The comfort you deserve.

## The height of confidence.

As professionals who use our equipment, you are the true field experts helping to drive our innovation and product development. With your input, 3M introduces a new line of harnesses: the 3M™ Economy Harness. It is an economical harness that delivers fit, comfort, adjustability and performance — from a safety leader you can trust, 3M.

This new line of harnesses will expand the 3M harness offerings to include more D-ring configurations and sizing options to meet the demands of your workplace. The 3M™ Economy Harness is one of three new harness lines to be launched by 3M. The 3M™ Mid-Range Harness line will be coming early 2015 and the 3M™ Premium Harness line will be available in 2016.

Working with OSHA, ANSI and CSA, we are driving a culture of safety, developing products that not only meet current standards, but consistently strive to exceed them. Our 3M Fall Protection equipment delivers confidence at height to help return you safely home at the end of your workday.



### STAIN & WATER RESISTANT WEBBING

3M™ Scotchgard™ Protector repels liquids and resists stains. Helps keep harnesses looking new longer.



### X-SHAPED BACKPLATE

Holds webbing in place to help reduce tangling for easier donning and doffing.

### INTEGRATED LANYARD STORAGE KEEPERS

Attach and detach your unused lanyard quickly while helping to prevent dangerous tangles and snags.

### STITCHING

High-contrast stitching helps you easily inspect for harness wear/damage.

### LIGHTWEIGHT

Lightweight materials provide comfort, flexibility and greater ease-of-use.

### BETTER FIT

Expanded size offerings and easy-to-adjust hardware fits a diverse workforce.

### CONNECTORS

Pass thru hardware now includes offset slots.

### SPECIFICATIONS:

- All sizes (XS, U, SM, LXL, XXL) rated to 400 pounds
- Meets requirements of OSHA 29 CFR 1910.66 and 1926.502; ANSI Z359.1-2007; CSA Z259.10-2012
- 2 fall indicators

## Harnesses



### 3M™ Economy Harness

3M™ Economy Fall Protection Harness offers multiple D-ring configurations and sizing options to meet the demands of your workplace. This economical fall arrest harness delivers fit, comfort, adjustability and performance. This full body harness features lightweight materials that offer flexibility and a superior fit.

Product #	Stock #	Description	Case Qty
1A1-U	7100058995	Back D-Rings, Pass-Thru Legs, 400 lb	1
1A3-U	7100059001	Back & Side D-Rings, Pass-Thru Legs, 400 lb	1
1A3E-U	7100059007	Back & Shoulder D-Rings, Pass-Thru Legs, 400 lb	1
1B1-U	7100059004	Back D-Rings, Grommet Pass-Thru Legs, 400 lb	1
1B3-U	7100059006	Back & Side D-Rings, Grommet Pass-Thru Legs, 400 lb	1
1B3E-U	7100059008	Back & Shoulder D-Rings, Grommet Pass-Thru Legs, 400 lb	1



1B3-EU

### 3M™ Elavation™ Harness

- Breathable, cushioned padding with quick torso adjustment
- Reference attached configuration chart to obtain product offering
- Quick Connect Chest and Leg Connections
- Shoulders/Legs Comfort Pads and built in Lanyard Clip
- 400 lbs rated, meets ANSI and CSA Z259-10.06

Product #	Stock #	Description	Case Qty
7510Q (L-XL)	7000128016	Back D-Ring, Quick Connect Buckles	1
7511Q (L-XL)	7000128022	Back & Side D-Rings, Quick Connect Buckles	1
7512Q (L-XL)	7100008059	Back & Side D-Rings, Integrated Tool Belt, Quick Connect Buckles	1
7550Q (L-XL)	7000128035	Back D-Rings, Grommet, Leg Straps	1
7551Q (L-XL)	7000128038	Back & Side D-Rings, Grommet Leg Straps	1
7552Q (L-XL)	7000128040	Back & Side D-Rings, Integrated Tool Belt, Grommet Leg Straps	1



7510Q

### 3M™ SafeLight Harness

- Universal sized value harness
- Back D-Ring
- Reference attached configuration chart to obtain product offering
- 310 lbs rated, meets ANSI standard and CSA Z259.10-06

Product #	Stock #	Description	Case Qty
10910-FI	7000127674	Single Back D-Ring, Pass-Thru Buckles	1
10911-FI	7000127675	Single Back D-Ring, Side D-Rings, Pass-Thru Buckles	1
10950-FI	7000127676	Single Back D-Ring, Grommetted Leg Straps, Pass-Thru Chest Buckle	1
10951-FI	7000029978	Single Back D-Ring, 2 Side D-Rings, Grommetted Leg Straps, Pass-Thru Chest Buckle	1



10910-FI

# Fall Protection



## Harnesses, Lanyards & Retractable Lifelines

### 3M™ Saturn Harness

- Universal sizing
- Designed specifically for welders
- Dupont® Poly-Nomex™ Web construction resists up to 371°C (700°F)
- 310 lbs rated, meets ANSI standard and CSA Z259.10-06
- Single Back D-Ring, Side D-Rings, Grommet Legs, Pass Thru Chest

Product #	Stock #	Description	Case Qty
1020-HARNES	7000030078	Single Back D-Ring, Pass-Thru Buckles	1
1021-HARNES	7000127907	Single Back D-Ring, 2 Side D-Rings, Pass-Thru Buckles	1
1030-H	7000127908	Single Back D-Ring, Grommet Leg Straps, Pass-Thru Chest Buckle	1
1031-H	7000053122	Same As 1030, With 2 Side D-Rings	1
1321 (L-XL)	7000127914	Single Back D-Ring, 2 Side D-Rings, Grommet Waist Belt And Leg Straps	1



1020

### 3M™ Ameba Harness

- Non Elastic, Helical Web for added comfort and support
- Breathable Mesh Back Pad
- Conforms to the wearer for elusive fit and feel
- 310 lbs rated, meets ANSI standard and CSA Z259.10-06
- Reference below configuration chart to obtain product offering

Product #	Stock #	Description	Case Qty
1410	7000127935	Ameba Fall Protection Comfort Harness with Pass Thru Chest Connection, Pass Thru Leg Connection, Back D-ring. Lanyard storage and web keepers.	1
1410Q	7000127941	Single Back D-Ring, Quick Connect Leg and Chest Straps	1
1411Q	7000127944	Single Back D-Ring, Side D-Rings, Quick Connect Leg and Chest Straps	1
1412 (L-XL)	7000127991	Ameba Fall Protection Comfort Harness with Pass Thru Chest Connection, Pass Thru Leg Connection, Back and Waist D-rings with backpad and toolbelt. Lanyard storage and web keepers	1
1450-H	7000127936	Single Back D-Ring, Side D-Rings, Tool Belt, Quick Connect Leg and Chest Straps	1
1450Q	7000127945	Single Back D-Ring, Side D-Rings, Front D-Ring, Tool Belt, Quick Connect Leg and Chest Straps	1
1451	7000127937	Single Back D-Ring, Front D-Ring, Shoulder D-Rings, Quick Connect Leg and Chest Straps	1
1452 (L-XL)	7000127947	Single Back D-Ring, Side D-Rings, Front D-Ring, Shoulder D-Rings, Quick Connect Leg and Chest Straps	1



1411

### 3M™ Roofing Kits

- Also available in other combinations

Product #	Stock #	Description	Case Qty
20507	7000127775	Kit Contains: 2 ea 4651X roof anchor; 1 ea (10910-FI) 3M™ SafeLight harness; 1 ea 0221-50 Lifeline; 1 ea 5000 bucket; 1 ea 209510 shock absorbing lanyard (to be replaced with 3011-c2 by June 2015), 1 ea CSA 129 Rope Grab. Components meet applicable CSA standards	1



10910-F

5000

0221-50

209510

4651X

129

## Lanyards & Retractable Lifelines

### Web Lanyard (4' and 6' Available)

- 1" nylon webbing with double locking snap hooks and SafeStop Absorber
- Meets ANSI z359.1-2007 standards for 3600 lb. connector gates
- Max Arrest Dist - 42", Max Arrest Force < 900 lb.
- 310 lbs rated, meets ANSI and CSA Z259.11-05

Product #	Stock #	Description	Case Qty
209511	7000127465	4' SafeLight Energy Absorbing Lanyard with Snap Hooks	1
209512	7100008026	6' Shock Absorbing Lanyard, Single Leg, Regular Snap	1
209511-0241	7000127996	4' SafeLight Energy Absorbing Lanyard with Rebar Hook	1
209512-0241	7100006338	6' Shock Absorbing Lanyard, Single Leg, Rebar Hook	1
209550-4	7000127997	4' SafeLight Energy Absorbing Dual Leg Lanyard with Snap Hooks	1
209550	7000127466	6' Shock Absorbing Lanyard, Dual Leg, Regular Hook	1
209550-4-0241	7000127998	4' SafeLight Energy Absorbing Dual Leg Lanyard with Rebar Hooks	1
209550-0241	7000029963	6' Shock Absorbing Lanyard, Dual Leg, Rebar Hook	1



209550-0241

### Low Profile Shock Lanyards

Product #	Stock #	Description	Case Qty
209711	7000127467	4' SafeLight Energy Absorbing Lanyard with Snap Hooks	1
209712	7000127468	6' Shock Absorbing Lanyard, Single Leg, Regular Snap	1
209711-0241	7000127291	4' SafeLight Energy Absorbing Lanyard with Rebar Hook	1
209712-0241	7000029964	6' Shock Absorbing Lanyard, Single Leg, Rebar Hook	1
209750-4	7000127999	4' SafeLight Energy Absorbing Dual Leg Lanyard with Snap Hooks	1
209750	7000127469	6' Shock Absorbing Lanyard, Dual Leg, Regular Hook	1
209750-4-0241	7000128000	4' SafeLight Energy Absorbing Dual Leg Lanyard with Rebar Hooks	1
209750-0241	7000127292	6' Shock Absorbing Lanyard, Dual Leg, Rebar Hook	1



209712-0241

### 3M™ ReLoad™ Retractable Lifeline

- Smarter, safer, stronger. ReLoad™ offers less service downtime as it is field serviceable

Product #	Stock #	Description	Case Qty
REW-7	7000127660	7' Web Retractable Lifeline, 310 lbs rated	1
REW-12	7000052761	12' Web Retractable Lifeline, 310 lbs rated	1
REW-23	7100010325	23' Web Retractable Lifeline, 310 lbs rated	1
REC-23	7000127336	23' Cable Retractable Lifeline, also available in Stainless Steel, 400 lbs rated	1
REC-30	7000127337	30' Cable Retractable Lifeline, also available in Stainless Steel, 400 lbs rated	1
REC-40	7000127338	40' Cable Retractable Lifeline, also available in Stainless Steel, 400 lbs rated	1
REC-50	7000127339	50' Cable Retractable Lifeline, also available in Stainless Steel, 400 lbs rated	1



REW-12



# Why ReThink 3M™ ReLoad™ Lifelines?



## Superior Product Design

ReLoad™ Self-Retracting Lifeline pushes the limits of traditional SRL design and functionality. The patented Constant Force braking mechanism replaces traditional friction based shock absorbing commonly used in the industry. Constant Force braking mechanism provides consistent performance in all types of climate and environmental situations you work in.

### Constant Force Braking Mechanism

A frictionless braking system with no moving parts eliminating the need for mechanical adjustment.

### Full Contact Pawl Locking Mechanism

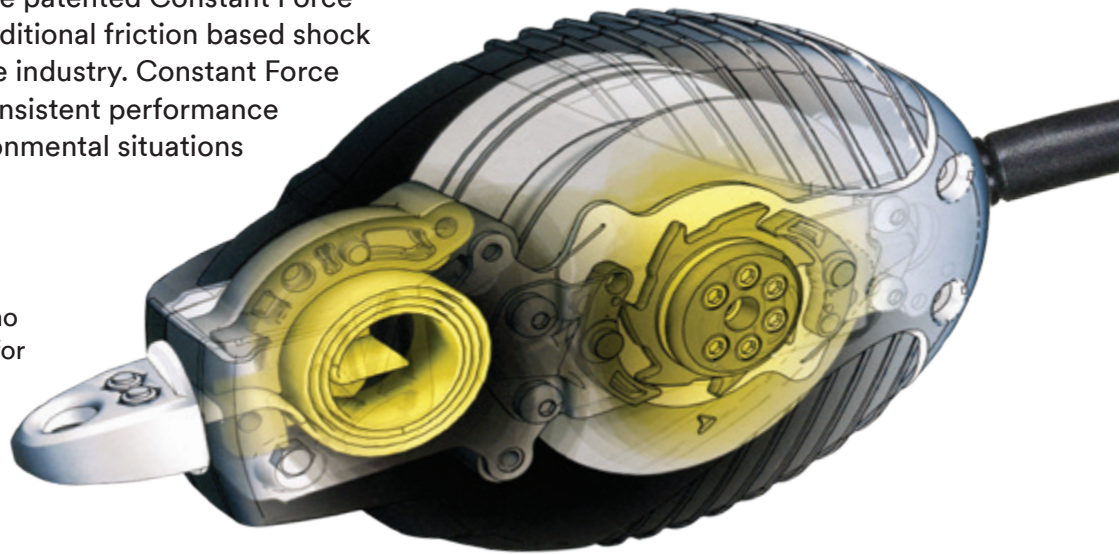
Constantly moving mechanism that “clicks” providing an audible indication of reliability. Stainless steel components for improved resistance to the elements.

### 3M™ ReLoad™ Self-Retracting Lifelines Field Serviceability Option

The modular design in addition to the Constant Force braking mechanism allows for this product to be serviced in the field. Eliminate the expensive annual recertifications and control costs in-house. 3M will provide your company the authorized training in order to help improve your bottom line.

### Rugged Impact-Resistant Case



Modular chassis design and case are independent, allowing the case to serve strictly as protective armour.



**Smart:** The 3M™ Sealed ReLoad™ SRL uses patented Constant Force technology to allow the load generated in the event of a fall to be absorbed therefore limiting the load to the user. Unlike competitors’ products, the braking system does not rely on friction.

**Safe:** The Full Contact Pawl locking mechanism provides a 100% reliable locking mechanism that won’t freeze, hang-up or corrode. The advanced pawl technology allows a user to both hear and feel the mechanism working and therefore reassure them the system is in good working order. A built-in reserve line ensures that a fall is arrested safely even when the cable is fully extended.

**Strong:** Engineered specifically for abusive applications manufactured from high quality components. Individual components undergo strict quality control procedures prior to assembly, including critical component batch “x-ray” to ensure material integrity – giving the end user added piece of mind regarding SRL reliability.

Improved Hook Design	Field Serviceable	Durable Construction
		
3M™ ReLoad™ Lifelines have upgraded snap hook designs and are now available in stainless steel for extra strength, reliability and durability.	With a few simple steps and basic tools, 3M™ ReLoad™ Lifeline units are easily serviceable on location reducing downtime and costs associated with shipping.	Durably designed to be used in harsh environments such as construction, roofing, mining and petroleum industries.





Science.  
Applied to Life.™



# Protective Clothing

Unique formulation of spun and melt-bonded material combines comfortable and breathable wear with dependable skin protection.

Designed for the demands of the Industrial Workplace. Harmful dust. Light liquid splashes and sprays. Biological contaminants. These are just some of the dangers inherent in today's industrial workplace. 3M's line of quality disposable coveralls help protect at-risk workers. 3M™ Protective Coveralls feature enhanced safety construction and material technologies that allow lightweight comfort. Used for a variety of applications, 3M™ Protective Coveralls offer quality and reliability: enabling workers to maneuver freely, and do their jobs efficiently.

### 3M™ Protective Coveralls 4510

Entry level, splash and dust protection (Type 5/6)

- Constructed of laminated polypropylene having low-linting properties
- Elastic hood, waist and ankles for convenient safe wear and movement
- Two way zipper with storm flap for extra convenience and protection from contaminants
- Anti-static for increased protection in critical areas\*\*
- Sizes M-4XL



### 3M™ Protective Coveralls 4520

Entry level protection with comfort (Type 5/6)

- Breathable polypropylene for reduced heat stress and comfortable wear
- Three-piece elastic hood for improved fit with other PPE
- Two-way zipper with storm flap for extra convenience and protection from contaminants
- Knit cuffs for increased wearer comfort
- Anti-static for increased protection in critical areas\*\*
- Sizes M-4XL



### 3M™ Protective Coveralls 4530E

Enhanced performance with Flame Spread Resistance (Type 5/6)

- Breathable material with anti-static coating to help reduce heat build-up and promote comfortable wear
- FSR, Flame Spread Resistance, material has been tested to ISO 15025:2000 and complies with ISO 14116:2008 requirements for limited flame spread, Index 1. When garment is worn over a primary flame resistant thermal protective garment (Index 2,3) it may help provide limited flame spread resistance. Do not use next to skin
- Elastic cuffs with elastic waist and ankles for increased comfort and freedom of movement
- Three panel hood design for compatibility with complementary PPE
- Two-way zipper with sealable storm flap for added on/off convenience and extra protection from contaminants
- Reinforced gusset for increased durability
- Seamless shoulders and sleeve tops provide fewer entry points for potentially harmful contaminants
- Variety of sizes: M to 4XL
- Individually packaged in cases of 20



### 3M™ Protective Coveralls 4540+\*

Enhanced performance with comfort built-in (Type 5/6)

- Constructed of low-linting, non-woven, laminated microporous material with anti-static coating on both sides
- Three-piece elastic hood for improved fit with other PPE
- Breathable back panel for improved air circulation and reduced heat stress
- Two-way zipper with re-sealable flap for extra convenience and protection from contaminants
- Knit cuffs for increased wearer comfort
- Anti-static for increased protection\*\*
- Reinforced gusset for increased robustness
- Sizes M-4XL

\*Breathable panel is less protective, if splash protection is needed for the back, consider the 4565



### 3M™ Protective Coveralls 4565

Excellent protection and durability (Type 4/5/6)

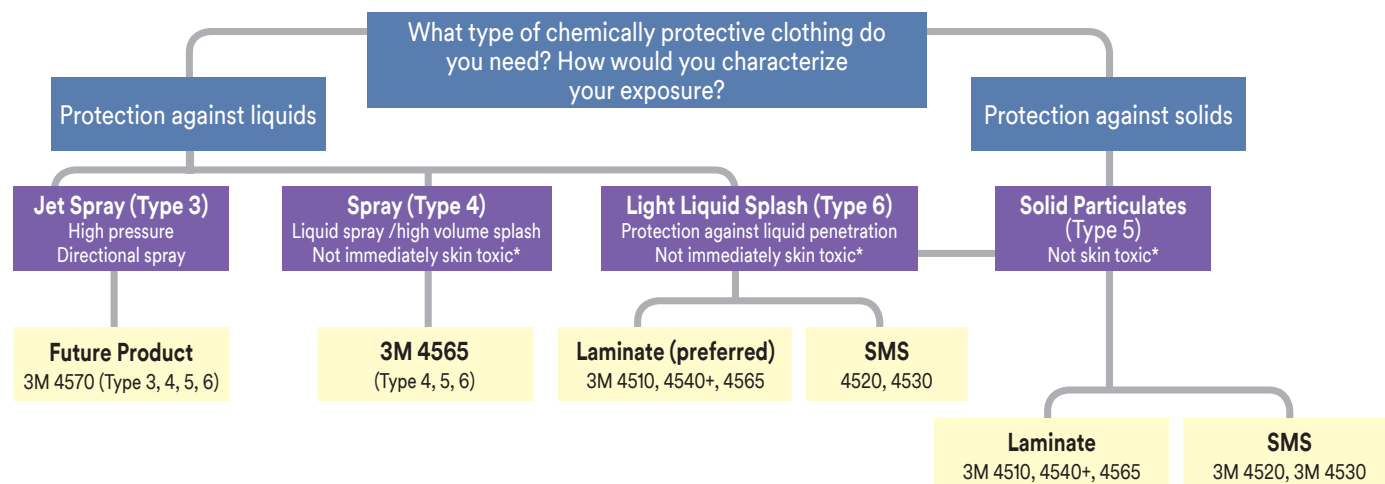
- Constructed of bi component, polyethylene/polypropylene material
- Three-piece elastic hood for improved fit with other PPE
- Reinforced gusset for increased robustness
- Two way zipper with sealable flap
- Knit cuffs for increased wearer comfort
- Anti-static for increased protection\*\*
- Taped seams across the suit for increased protection
- Sizes M-4XL

\* Available in bulk (25/case) or Individually packaged (20/case). Only 4510, 4530, 4540+, and 4565 are available in individual packages.  
 \*\* All apparel must be suitably grounded for anti-static treatment to be effective. In all cases, before selection of the most appropriate PPE, a risk assessment should be carried out by a competent person knowledgeable of the actual working conditions and limitations of PPE.



# Protective Clothing

## 3M™ Protective Coveralls Product Category Selector



### \*Additional Features / Claims of 3M Type 4/5/6 Coveralls

3M laminate products are generally considered to have better liquid repellency while the 3M Spunbonded-Meltblown-Spunbonded (SMS) products are generally more breathable & abrasion resistant. Back panel of 3M 4540+ is SMS. Types per ISO 16602 (2007).

Contact with Sparks/Flame	3M 4530E
Low Linting	3M 4510, 4540+, 4565
Taped Seams	3M 4565
Permeation Data (ASTM F739)	3M 4565
Anti-Static	3M 4510, 4520, 4530E, 4540+, 4565
Heat Stress	3M 4520, 4540+
Radioactive Particulates	3M 4510, 4520, 4540+, 4565

**WARNING:** This product selector is intended to provide guidance on key features of the 3M product range. The products shown highlight some of the products which may be considered but product suitability will depend on the particular situation. Product selection should always be made by a competent person knowledgeable of the actual working conditions and limitations of the PPE. This guide considers only skin protection – user must wear suitable additional PPE to protect against hazards to other parts of the body. In addition, once you have selected the garment 'type' and checked the chemical compatibility, you should also ensure the material is robust enough to withstand the mechanical risks of the environment.

## 3M™ Protective Clothing Accessories

### 3M™ Lab Coat 4400

- Non-treated polypropylene material (white)
- Breathable and lightweight
- Zip fastener (single way)
- Internal pocket, elastic wrists
- Low-linting; available in blue and white
- Sizes M-4XL; 50 per case



### 3M™ Blue Shoe Cover 402

- General non-hazardous substance protection
- Print on base to reduce risk of slipping
- Elastic at ankle
- Universal size; 150 pairs per case
- Polypropylene material



### 3M™ Oversleeves 444

- 16" protection covering wrist to top of arm
- Elastic at wrist
- 150 pairs per case
- Polypropylene-polyethylene microporous laminate material (white)



### 3M™ Lab Coat 4440

- Made of polypropylene-polyethylene microporous laminate for dust and splash protection (white)
- Knit cuffs
- Zip fastener (single way)
- Low-linting; anti-static treatment
- Sizes M-4XL; 50 per case



### 3M™ Hair Cover 407

- Hygiene that helps to prevent contamination from hair in the working environment
- Elastic around the head and face
- Universal size; 1000 per case
- Polypropylene material



### 3M™ Boot Cover 450

- Non-slip PVC sole
- Elastic at calf with ties
- Universal size; 100 pairs per case
- Polypropylene-polyethylene microporous laminate material (white)







Science.  
Applied to Life.™



# 3M™ Scotchlite™ Reflective Material

Retro-reflective glass beads return light to the source,  
making your workers the brightest on the block.

# 3M™ Scotchlite™ Reflective Material

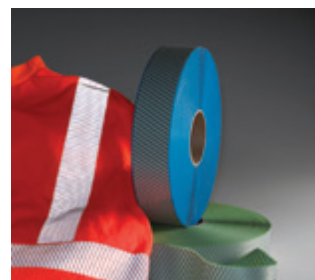
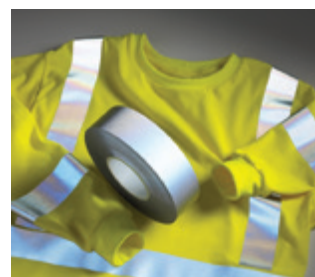
- Typical applications are workwear, safety vests, uniforms, accessories
- Meets the requirements for CSA Z96-09 and many other standards (certificates available upon request)
- Available in sew-on fabric or transfer film (heat transfer equipment is required)



Product #	Description
9100-9187-50.8X100(6)	Yellow/Silver/Yellow Integrated Trim, Industrial Wash, Flame Resistant, Sew-on, Roll Size 50.8 mm x 100 m

Product #	Description
8900-8940-50.8X100(6)	Silver, Industrial Wash, Flame Resistant, Sew-on, Roll Size 50.8 mm x 100 m
9900-9920-50.8X100(6)	Silver, Industrial Wash, Sew-on, Roll Size 50.8 mm x 100 m
8900-8925-50.8X100(6)	Silver, Home Wash, Sew-on, Roll Size 50.8 mm x 100 m
8700-8712-50.8X100(6)	Silver, Heat Transfer Film, Roll Size 50.8 mm x 100 m
8700-8912-50.8X100(6)	Silver, Home Wash, Sew-on, Roll Size 50.8 mm x 100 m

Product #	Description
5510-50.8X100(6)	Silver "Comfort Trim", Improved Moisture Vapour Transmission, Home Wash, Heat Transfer Film, Roll Size 50.8 mm x 100 m



## 3M™ Scotchlite™ Reflective Material – Silver Flame Resistant Transfer Film

Product #	Description
8735-50.8X100(6)	Silver, Home Wash, Flame Resistant Transfer Film, 50.8 mm x 100 m
8735-50.8X200(3)	Silver, Home Wash, Flame Resistant Transfer Film, 50.8 mm x 200 m
9740-50.8X100(6)	Silver, Industrial Wash, Flame Resistant Transfer Film, 50.8 mm x 100 m
9740-50.8X200(3)	Silver, Industrial Wash, Flame Resistant Transfer Film, 50.8 mm x 200 m

Product #	Description
8830-1X4(500)	Reflective Silver Strips. 50.8 mm x 100 m, 10 Strips/Sheet, 6 Rolls/Case
8887-1X4(500)	Reflective Fluorescent Lime-Yellow Strips. 50.8 mm x 100 m, 6 Rolls/Case

Product #	Description
SL3	Reflective Arm Bands, 1 in x 15 in, 500 Bands/case (bulk)





Science.  
Applied to Life.™



Personal Safety Division

# Training and Services

It's more than just products, it's knowing how to wear them  
that helps bring you home safely at the end of your workday.

# The Expertise You Need to Drive Your Workplace Programs

## Respiratory Protection Training Services

Content based on CSA 94.4 Guidelines.

### 3M Qualitative Fit Test Workshop (FTWS) - 4 hours

An intermediate level respiratory protection course intended for individuals who will be responsible for conducting qualitative fit tests within their workplace. Content includes legislation, the need for respiratory protection and testing, product selection and hands-on practice of qualitative fit testing.

### 3M Advanced Respiratory Training (ART) – 7 hours

Comprehensive respiratory training program intended for Health and Safety managers or any individual responsible to develop, implement and maintain a Respiratory Protection Program.

### User Training (UT) – 1 hour

An introductory respiratory training program for all respirator wearers. Employee training and fit testing is a requirement as outlined in the CSA Z94.4 standard.

### Respiratory Fit Testing

Qualitative and Quantitative Fit Testing in accordance with CSA Z94.4 requirements and provides personal fit test cards and corporate record.

### 3M™ Select and Service Life Software

We can assist with...

A software program which makes the selection of respirators faster and easier in addition to providing an easy method to estimate service life of 3M™ Respirator Cartridges.





## Hearing Protection Training and Services

Content based on CSA Z94.2 Guidelines.

### 3M Hearing Conservation Tips and Tools (HPTT) – 4 hours

Intended for those responsible for managing Hearing Protection Programs. Content reviews how the ear works, hazardous noise, ratings and selection of Hearing Protective Device. Learn valuable tips to encourage employees to take control of their personal hearing conservation.

### 3M Hearing Conservation (HCS) – 7 hours

An extensive hearing protection program for those who will be administering the hearing loss prevention program, training and/or dispensing hearing protection devices within an organization. Topics covered include understanding hearing protection testing and ratings, noise exposure and assessment, and product selection, fit, use and care.

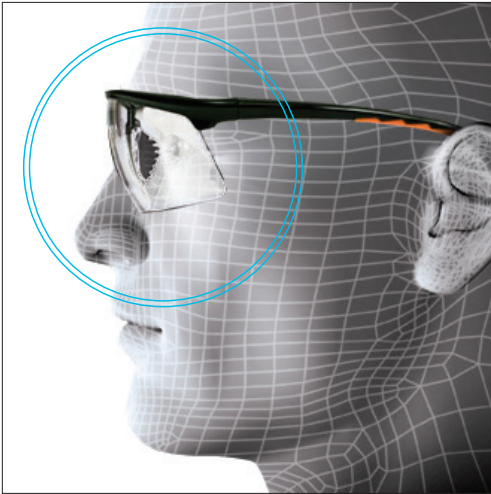
### User Training (UT) – 1 hour

A hands-on training to educate and motivate employees to correctly wear hearing protection and why it is important.

### 3M™ E-A-Rfit Validation Services

An on-site, objective, quantitative hearing protector test system to help validate hearing protection and achieve optimal fit through hearing-protector selection. Individual fit testing helps to take the guesswork out of managing compliance to your hearing conservation program.





## Eyewear Protection Training

### 3M Eyewear Fit System Training – 1 hour

A newly developed simple 6-step method designed to help select the best fitting eyewear for each employee on your premises without the involvement of an optician.

## 3M Canada Safety Centre

**1-800-267-4414**

A convenient toll-free phone centre to answer your questions about Personal Protection products, selection and troubleshooting.

**Confidently keeping your employees safe.**



**DISTRIBUTED BY:**



**For more information please contact us:**

**In Montreal at 1-800-879-5748**

**In Toronto at 1-888-664-2643**

**[www.aeblake.ca](http://www.aeblake.ca)**

3M Science. Applied to Life., 3M, Speedglas, Scotchgard, Adflo, Elavation, ReLoad, Cool Flow, Fuel, E-A-R, UltraFit, Peltor, Optime, WIBGET, Scotchlite and Versaflo are trademarks of 3M. Used under license in Canada.

The Bluetooth word mark is a registered trademark owned by Bluetooth SIG, Inc. and any use of such marks by 3M is under license. Other trademarks and trade names are those of their respective owners.

Copyright © 2015 DuPont. All rights reserved. The DuPont Oval Logo, DuPont™, The miracles of science™ and all products denoted with ® or ™ are trademarks or registered trademarks of E. I. du Pont de Nemours and Company or its affiliates.

All other trademarks referenced are the trademarks of their respective owners.

**3M**

**Personal Safety Division**  
**3M Canada**  
P.O. Box 5757  
London, ON N6A 4T1  
Canada  
1-800-267-4414

Please recycle. Printed in Canada.  
© 2015, 3M. All rights reserved.  
1502-00324 E BA-15-20113

