

**3M** Science.  
Applied to Life.™

**Advanced protective  
headgear. Applied to  
making work more  
comfortable.**



**3M™ Versaflo™ M-Series  
Headgear for Powered and  
Supplied Air Respirators**

[3M.com/Versaflo](https://www.3m.com/Versaflo)

# Dependable protection, exceptional comfort and ease of use

3M™ Versaflo™ M-Series headgear for powered and supplied air respirators are lightweight, compact and easy to maintain while helping to provide the wearer with protection from a range of hazards. Their versatility helps make them popular for many applications.



## Directed airflow

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

## 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™ M-206 Faceshield) for optimal comfort and weight distribution.

## New visor

A new visor design combines excellent peripheral and downward vision with good optical clarity. Coated visor option provides added chemical and scratch resistance in certain environments.



## Easy maintenance

Easily removable parts allow simple cleaning, maintenance and replacement.

## 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.

## Versatility

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

## 3M™ Versaflo™ M-Series Faceshields, Hard Hats and Helmets

### M-200 Respiratory Faceshield

- Helps provide respiratory (OSHA APF 25) protection, plus limited eye (ANSI Z87.1-2010) protection
- Weighs approximately 613g (1.4 lbs)\*
- Lightweight for maximum comfort
- Common for most powder handling, paint spraying, grinding, buffing and general maintenance applications where an approved level of head protection is not required
- Available with a variety of face seal fabrics
- Also available: M-100 models with removable headtop inserts

M-206



M-207



### M-300 Respiratory Hard Hat

- Helps provide respiratory (OSHA APF 25) protection, plus limited head (ANSI Z89.1-2009 Type 1 Class G) and eye (ANSI Z87.1-2010) protection
- Weighs approximately 850g (1.9 lbs)\*
- Six-strap textile suspension offers maximum comfort
- Common for most powder handling, paint spraying and general maintenance applications where hard hat protection is required or desired
- Available with a variety of face seal fabrics

M-305



M-307



### M-400 Respiratory Helmet

- Helps provide respiratory (OSHA APF 1,000)\*\* protection, plus limited head (ANSI Z89.1-2009 Type 1 Class G) and eye (ANSI Z87.1-2010) protection
- Weighs approximately 1049g (2.3 lbs)\*
- Six-strap textile suspension offers maximum comfort
- Common for most powder handling, paint spraying, and general maintenance applications where the highest level of respiratory protection defined by OSHA and hard hat protection are required or desired
- Four different shroud materials available

M-405



M-407



\*Weight is complete assembly.

\*\*Consult 3M Technical Data Bulletin #175 and the M-Series User Instructions for additional information on the Assigned Protection Factor (APF) of 1,000. In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your region.

## 3M™ Versaflo™ M-Series Complete System Kits

### ▶ 1 | Choose your headtop

#### M-200 Series Faceshields

##### ▶ M-206

APF 25 Respiratory Protection, Eye/Face Protection, Directable Airflow



##### Order a complete helmet:

**M-206** Faceshield with Standard Visor and Comfort Faceseal

**M-207** Faceshield with Premium Visor and Flame Resistant Faceseal

##### Also available

- M-100 Series configurations
- Standard Faceseal M-925

#### M-300 Series Hard Hats

##### ▶ M-307

APF 25 Respiratory Protection, Head Protection, Eye/Face Protection, Directable Airflow



##### Order a complete helmet:

**M-305** Hard Hat with Standard Visor and Faceseal

**M-307** Hard Hat with Premium Visor and Flame Resistant Faceseal

#### M-400 Series Helmets

##### ▶ M-407

APF 1,000<sup>+</sup> Respiratory Protection, Head Protection, Eye/Face Protection, Directable Airflow



##### Order a complete helmet:

**M-405** Helmet with Standard Visor and Shroud

**M-407** Helmet with Premium Visor and Flame Resistant Shroud

#### 3M™ Speedglas™ 9100 MP Headgear\*\*

##### ▶ 9100 MP Headgear

APF 25 Respiratory Protection, Head Protection, Eye/Face Protection



##### Order a complete system:

**27-5702-XXSW** Hard Hat<sup>†</sup> with Speedglas™ Welding Shield and V-100 Cooling Valve

**27-5902-XXSW** Hard Hat<sup>\*\*</sup> with Speedglas™ Welding Shield and V-300 Valve

##### Create a customized helmet:

**27-0099-35SW** Hard Hat<sup>†</sup>  
(Speedglas™ ADF and Air Source not included)

#### 3M™ L-Series Head Gear\*\*

##### ▶ L-Series Headgear

APF 25 (L-705SG) or APF 1,000<sup>\*\*</sup> (L-901SG/L-905SG) Respiratory Protection, Head Protection, Eye/Face Protection



**L-705SG** Hard Hat<sup>\*\*</sup> with Speedglas™ Welding Shield and Wideview Faceshield

**L-901SG** Helmet<sup>†</sup> with Wideview Faceshield and Shroud

**L-905SG** Helmet<sup>†</sup> with Speedglas Welding Shield, Wideview Faceshield and Shroud

##### ▶ L-Series Accessories

**L-170** Enables connection to BT series Breathing Tube

**L-122/37012** Breathing Tube for use with GVP PAPR and V Series Valves



### ▶ 2 | Choose the appropriate breathing tube

#### 3M™ Versaflo™ BT-Series Breathing Tubes

All BT-Series breathing tubes feature the QRS (Quick Release Swivel) connection for maximum comfort and ease of use.



**BT-20S/37309** Sm/Med (Approx. 28")  
**BT-20L/37310** Med/Lg (Approx. 38")



**BT-30**  
Length Adjusting



**BT-40**  
Heavy Duty

▶ 3 | Choose your air delivery unit

3M™ Versaflo™ TR-Series Powered Air Purifying Respirators (PAPRs)†

▶ TR-300 Particulate PAPR Assemblies†



<b>TR-304N</b>	Easy Clean Belt & Economy Battery
<b>TR-305N</b>	Standard Belt & Economy Battery
<b>TR-306N</b>	High Durability Belt & High Capacity Battery
<b>TR-307N</b>	Easy Clean Belt & High Capacity Battery

**Filters**

<b>TR-3712N-5</b>	Particulate Filter, 5/case
<b>TR-3712N-40</b>	Particulate Filter, 40/case

▶ TR-600 Particulate/Gas & Vapor PAPR Assemblies



<b>TR-613N</b>	High Durability Belt & Standard Battery
<b>TR-614N</b>	Easy Clean Belt & Standard Battery
<b>TR-616N</b>	High Durability Belt & High Capacity Battery
<b>TR-617N</b>	Easy Clean Belt & High Capacity Battery

**Cartridges/Filters**

<b>TR-6320N-5</b>	Acid Gas/HE
<b>TR-6350N-5</b>	Formaldehyde/HE
<b>TR-6360N-5</b>	Ammonia/Methylamine/HE
<b>TR-6510N-5</b>	Organic Vapor/HE
<b>TR-6530N-5</b>	Organic Vapor/Acid Gas/HE
<b>TR-6710N-5</b>	High Efficiency Filter

3M™ Versaflo™ V-Series Supplied Air Valves



**V-100/37018**  
Vortex Cooling Assembly



**V-200**  
Vortemp™ Heating Assembly



**V-300/37019**  
Valve Assembly



**V-400/37020**  
Low-Pressure Assembly



25 ft. **W-9435-25/07010**  
50 ft. **W-9435-50/07011**  
100 ft. **W-9435-100/07012**  
25 ft. **W-9445-25**  
50 ft. **W-9445-50**  
100 ft. **W-9445-100**  
3/8" High Pressure Hose



25 ft. **W-2929-25**  
50 ft. **W-2929-50**  
100 ft. **W-2929-100**  
25 ft. **W-2929-25SR**  
50 ft. **W-2929-50SR**  
100 ft. **W-2929-100SR**  
3/8" High Pressure Hose



25 ft. **W-3020-25/07033**  
50 ft. **W-3020-50/07034**  
100 ft. **W-3020-100/07035**  
1/2" Low Pressure Hose

GVP™ Intrinsically Safe Systems



**Cartridges/Filters**

<b>GVP-440</b>	High Efficiency Particulate (HE)
<b>GVP-441</b>	Organic Vapor/HE (OV/HE)
<b>GVP-442</b>	Chlorine/Hydrogen Chloride/Sulfur Dioxide/ Chlorine Dioxide/Hydrogen Fluoride/HE (AG/HE)
<b>GVP-443</b>	Organic Vapor/Chlorine/Hydrogen Chloride/ Sulfur Dioxide/Chlorine Dioxide/Hydrogen Fluoride/ Hydrogen Sulfide/HE (OV/AG/HE)
<b>GVP-444</b>	Ammonia/Methylamine HE (AM/MA/HE)
<b>GVP-445</b>	Formaldehyde/HE (FM/HE)

3M Automotive Aftermarket Division (AAD) product numbers are found in grey type on selected products.

\*Consult 3M Technical Data Bulletin #175 and the M-Series User Instructions for additional information on the Assigned Protection Factor (APF) of 1,000. In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your region.

\*\*Future configuration with TR-600 models.

†ANSI Z89.1-2009 Type II Class G. CAN/CSA Z94.1-05 Class G protective helmets.

†† For TR-300 Models — operating altitude approx. sea level to 2,600 ft. (800m). For altitudes above 2,600 ft., contact 3M. For TR-600 Models — operating altitude approx. -328 to 16,404 ft. (-100 to 5,000m). For altitudes outside this range, contact 3M.

‡ L-705SG, L-901SG and L-905SG assemblies meet the requirements of ANSI Z89.1-2009 Type II, Class G protective helmets. L-901SG and L-905SG assemblies also meet the requirements of CAN/CSA Z94.1-05 for Class G protective helmets. Note the L-140 chin strap must be used for ANSI Z89.1-2009 Type II (protection from side impacts). Consult User Instructions before use.

## 3M™ Versaflo™ M-Series Complete System Kits

Build your own Versaflo™ system, or choose from one of our complete system kits. These kits offer the convenience of a complete system tailored to your application — all in one box.

### Heavy Industry PAPR Kit

#### ▶ TR-300-HIK



A complete particulate PAPR system for industrial applications where combined respiratory, head, eye and face protection is required or desired. Includes an M-307 Respiratory Hard Hat, a TR-300 Series PAPR kit with High Durability Leather Belt and a BT-40 Heavy Duty Breathing Tube.

### Belt-Mounted PAPR Kit

#### ▶ GVP-PSK2/37335



A complete PAPR solution for painters. Includes a GVP-CB PAPR Assembly (including battery, comfort belt and charger), a GVP-441 OV/HE Filter with GVP-119 shower cover, a BT-20L Breathing Tube with BT-922 Breathing Tube Cover and an M-206 Faceshield.

### Heavy Industry PAPR Kit

#### ▶ TR-300-LIK



A complete particulate PAPR system for applications where combined respiratory, eye, face and hearing protection is required or desired. Includes an M-206 Respiratory Faceshield, TR-306N PAPR with High Durability Leather Belt, BT-30 Length Adjusting Breathing Tube, HE filter, spark arrestor/prefilter, headgear-mounted earmuffs and battery charger.

### Painter's Supplied Air Respirator Kit

#### ▶ SA-100-PSK/37336



For painters who want to use a Supplied Air Respirator. Includes a V-100 Vortex Cooling Assembly, a BT-20L Breathing Tube with BT-922 Breathing Tube Cover and an M-206 Faceshield. A supplied air hose (sold separately) is required to complete the NIOSH-approved system. Contact 3M Technical Service for information on air source options and air quality requirements.



## Parts and Accessories

Product Number Description

### M-100 Respiratory Faceshields

M-105/37314	3M™ Versaflo™ Respiratory Faceshield Assembly with Standard Visor and Face Seal, 1/case
M-107	3M™ Versaflo™ Respiratory Faceshield Assembly with Premium Visor and Flame Resistant Face Seal, 1/case

### M-200 Respiratory Faceshields

M-206/37436	3M™ Versaflo™ Respiratory Faceshield Assembly with Standard Visor and Comfort Face Seal, 1/case
M-207/37437	3M™ Versaflo™ Respiratory Faceshield Assembly with Premium Visor and Flame Resistant Face Seal, 1/case

### M-300 Respiratory Hard Hats

M-305	3M™ Versaflo™ Respiratory Hard Hat Assembly with Standard Visor and Face Seal, 1/case
M-307	3M™ Versaflo™ Respiratory Hard Hat Assembly with Premium Visor and Flame Resistant Face Seal, 1/case

### M-400 Respiratory Helmets

M-405	3M™ Versaflo™ Respiratory Helmet Assembly with Standard Visor and Shroud, 1/case
M-407	3M™ Versaflo™ Respiratory Helmet Assembly with Premium Visor and Flame Resistant Shroud, 1/case

### Face Seals for M-200 Faceshields and M-300 Hard Hats

M-935/37325	3M™ Versaflo™ Standard Face Seal, 5/case
M-936/37326	3M™ Versaflo™ Comfort Face Seal, 5/case
M-937	3M™ Versaflo™ Flame Resistant Face Seal, 5/case

### Shrouds for M-400 Helmets

M-444	3M™ Versaflo™ Inner Collar M-444 for use with all M-Series Outer Shrouds, 1/case
M-445	3M™ Versaflo™ Standard Outer Shroud, 1/case
M-446	3M™ Versaflo™ Comfort Outer Shroud, 1/case
M-447	3M™ Versaflo™ Flame Resistant Outer Shroud, 1/case
M-448	3M™ Versaflo™ High Durability Outer Shroud, 1/case

### Breathing Tubes, Breathing Tube Accessories and Adapters

BT-20S/37309	3M™ Breathing Tube, small/medium, 1/case
BT-20L/37310	3M™ Breathing Tube, medium/large, 1/case
BT-30	3M™ Versaflo™ Length Adjusting Breathing Tube BT-30, 1/case
BT-40	3M™ Versaflo™ Heavy Duty Neoprene Rubber Breathing Tube, 1/case
BT-922/W-3228-10	3M™ Breathing Tube Cover, 10/case
BT-926/L-199SG	3M™ Versaflo™ High Temperature Breathing Tube Cover, 1/case
V-199	3M™ Adapter, 4/case

Product Number Description

### Visors and Visor Accessories

M-920/37320	3M™ Versaflo™ Replacement Visor Frame Assembly, 1/case
M-921/37321	3M™ Versaflo™ Replacement Visor Gasket, 5/case
M-925/37323	3M™ Versaflo™ Standard Visor, 5/case
M-926/37322	3M™ Versaflo™ Peel-Off Visor Covers for M-925 Standard Visor, 40/case
M-927/37324	3M™ Versaflo™ Premium Visor, 5/case
M-928/37452	3M™ Versaflo™ Peel-Off Visor Covers for M-927 Premium Visor, 40/case
M-929	3M™ Versaflo™ Shaded Peel-Off Visor Cover for M-927 Premium Visor, 25/case

### Additional Replacement Parts and Accessories

M-441	3M™ Versaflo™ Replacement Jaw Gasket for use with M-400 Helmets, 1/case	
M-150/37316	3M™ Versaflo™ Replacement Head Suspension for use with M-100 and M-200 Faceshields, 1/case	
M-154	3M™ Versaflo™ Replacement Forehead Seal for use with M-100 Series Faceshields, 1/case	
M-350	3M™ Versaflo™ Replacement Head Suspension for use with M-300 and M-400 Hard Hats, 1/case	
M-354	3M™ Versaflo™ Replacement Forehead Seal for use with M-300 Hard Hat, 1/case	
06-0400-54/M-953	3M™ Speedglas™ Headband 9100 Back Part / 3M™ Versaflo™ Ratchet, 1/case	
M-956/37327	3M™ Versaflo™ Size Reducing Ratchet Comfort Pad, 10/case	
M-957/L-115/37010	3M™ Versaflo™ Forehead Comfort Pad/Sweat Pad, 10/case	
M-958/L-112	3M™ Versaflo™ Chin Strap, 2/case	
M-960	3M™ Versaflo™ Replacement Visor Pivot Kit, 1 pair/case	
M-972/37331	3M™ Versaflo™ Flame Resistant Headgear Cover, 1/case	
M-976/37332	3M™ Versaflo™ Head, Neck and Shoulder Cover for use with M-100, M-200 and M-300 Products, 1/case	
M-985/37333	3M™ Versaflo™ Headgear-Mounted Earmuff Assembly for use with M-100, M-200 and M-300 and 9100 MZ Products, 1 pair/case	



Scan to learn more or request a product demo. Download reader @ <http://get.beetag.com>

## For more information

### In U.S.

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**Technical Service**                    **1-800-243-4630**  
Hours of Operation:                    8:00 a.m.–4:30 p.m. CST

**Customer Care Center**                **1-800-328-1667**  
Hours of Operation:                    7:00 a.m.–5:00 p.m. CST

**Internet**                                    **3M.com/PPESafety**  
   **3M.com/Versaflo**

### In Canada

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**Technical Service**                    **1-800-267-4414**  
Hours of Operation:                    8:00 a.m.–4:30 p.m. EST

**Customer Care**                         **1-800-364-3577**  
Hours of Operation:                    7:30 a.m.–6:00 p.m. EST

**Internet**                                    **3M.ca/safety**



**3M General Offices**  
**3M Center, Building 235-2W-70**  
**St. Paul, MN 55144-1000**



### **▲WARNING**

These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134, including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For proper use, see packaging instructions, supervisor, or call 3M OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

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