

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 and comfort help 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 excellent comfort and weight distribution.

Coated visor with large viewing area

The 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 excellent 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 excellent 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
- A variety of outer 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⁺ 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™ Welding Helmet 9100MP**

▶ Speedglas™ Welding Helmet 9100MP

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



Order a complete system:

27-5702-20SW 3M™ Speedglas™ Fresh-Air III Supplied Air System with V-100 Vortex Air-Cooling Valve and 3M™ Speedglas™ Welding Helmet 9100MP with Hard Hat, Side Windows and Auto-Darkening Filter 9100X

27-5902-20SW 3M™ Speedglas™ Fresh-Air III Supplied Air System with V-300 Air-Regulating Valve and 3M™ Speedglas™ Welding Helmet 9100MP with Hard Hat, Side Windows and Auto-Darkening Filter 9100X

27-0099-35SW 3M™ Speedglas™ Welding Helmet 9100MP with Hard Hat and Side Windows (no Auto-Darkening Filter)

Visit 3M.com/weldingsafety for other 3M™ Speedglas™ welding products

3M™ L-Series Head Gear**

▶ L-Series Headgear

APF 25 (L-705SG) or APF 1,000⁺ (L-901SG/L-905SG) Respiratory Protection, Head Protection, Eye/Face Protection



L-705SG Hard Hat^{††} with Speedglas™ Welding Shield and Wideview Faceshield

L-901SG Helmet[†] with Wideview Faceshield and Shroud

L-905SG Helmet[†] 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[†]



| | |
|---------|--|
| TR-304N | Easy Clean Belt & Economy Battery |
| TR-305N | Standard Belt & Economy Battery |
| TR-306N | High Durability Belt & High Capacity Battery |
| TR-307N | Easy Clean Belt & High Capacity Battery |

Filters

| | |
|-------------|-----------------------------|
| TR-3712N-5 | Particulate Filter, 5/case |
| TR-3712N-40 | Particulate Filter, 40/case |

► TR-600 Particulate/Gas & Vapor PAPR Assemblies



| | |
|---------|--|
| TR-613N | High Durability Belt & Standard Battery |
| TR-614N | Easy Clean Belt & Standard Battery |
| TR-616N | High Durability Belt & High Capacity Battery |
| TR-617N | Easy Clean Belt & High Capacity Battery |

Cartridges/Filters

| | |
|------------|----------------------------------|
| TR-6320N-5 | Acid Gas/HE |
| TR-6350N-5 | Formaldehyde/HE |
| TR-6360N-5 | Ammonia/Methylamine/HE |
| TR-6510N-5 | Organic Vapor/HE |
| TR-6530N-5 | Organic Vapor/Acid Gas/HE |
| TR-6710N-5 | High Efficiency Filter |
| TR-6820 | HE/HF and Nuisance Organic Vapor |

3M™ Versaflo™ V-Series Supplied Air Valves and Adapter



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

| | |
|---------|---|
| GVP-440 | High Efficiency Particulate (HE) |
| GVP-441 | Organic Vapor/HE (OV/HE) |
| GVP-442 | Chlorine/Hydrogen Chloride/Sulfur Dioxide/ Chlorine Dioxide/Hydrogen Fluoride/HE (AG/HE) |
| GVP-443 | Organic Vapor/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) |

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.

‡‡ V-199 adapter included in assembly and also sold separately.

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-600-HIK



A complete Powered Air Purifying Respirator ready-to-use kit provides a simple way to purchase a complete PAPR system for use in rugged environments such as industrial, demolition, grinding, metal finishing and casting operations. Includes: M-307 Respiratory Hard Hat, a TR-600 series PAPR kit with Breathing Tube, High Durability Belt, and more.

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 Accesories

| Headtops and Headgear | Description | SKU (3M ID) | UPC Number |
|-----------------------------|--|-------------|----------------|
| M-101 | 3M™ Versaflo™ Respiratory Faceshield M-101, Without Visor and Faceseal 1/Case | 70071544913 | 00051131173118 |
| M-105 | 3M™ Versaflo™ Respiratory Faceshield Assembly M-105/ 37314(AAD) , with Standard Visor and Faceseal 1/Case | 70071544921 | 00051131373143 |
| M-107 | 3M™ Versaflo™ Respiratory Faceshield Assembly M-107, with Premium Visor and Faceseal 1/Case | 70071544939 | 00051131173125 |
| M-206 | M-206N Versaflo Respiratory Faceshield | 70071673761 | 00051131372993 |
| M-207 | M-207N Versaflo Respiratory Faceshield | 70071673779 | 00051141567402 |
| M-301 | 3M™ Versaflo™ Respiratory Hardhat M-301, Without Visor or Faceseal 1/Case | 70071544988 | 00051131173156 |
| M-305 | 3M™ Versaflo™ Respiratory Hardhat Assembly M-305, with Standard Visor and Faceseal 1/Case | 70071544996 | 00051131173163 |
| M-307 | 3M™ Versaflo™ Respiratory Hardhat Assembly M-307, with Premium Visor and Faceseal 1/Case | 70071562006 | 00051131173170 |
| M-401 | 3M™ Versaflo™ Respiratory Helmet M-401, Without Visor and Shroud 1/Case | 70071562048 | 00051131173217 |
| M-405 | 3M™ Versaflo™ Respiratory Helmet Assembly M-405, with Standard Visor and Shroud 1/Case | 70071562055 | 00051131173224 |
| M-407 | 3M™ Versaflo™ Respiratory Helmet Assembly M-407, with Premium Visor and Flame Resistant Shroud 1/Case | 70071562063 | 00051131173231 |
| 27-5702-20SW | 3M™ Speedglas™ Fresh-Air III Supplied Air System with V-100 Vortex Air-Cooling Valve and 3M™ Speedglas™ Welding Helmet 9100MP 1/Case | 70071621513 | 00051141558059 |
| 27-5902-20SW | 3M™ Speedglas™ Fresh-Air III Supplied Air System with V-300 Air-Regulating Valve and 3M™ Speedglas™ Welding Helmet 9100MP 1/Case | 70071621547 | 00051141558080 |
| 27-0099-35SW | 3M™ Speedglas™ Welding Helmet 9100MP with Hard Hat and SideWindows (no Auto-Darkening Filter) 1/Case | 70071621562 | 00051141558103 |
| PAPR System Kits | Description | SKU (3M ID) | UPC Number |
| TR-300-LIK | TR-300-LIK Versaflo Light Industry Kit | 70071673787 | 00051141567419 |
| TR-300-HIK | 3M™ Versaflo™ Heavy Industry PAPR Kit TR-300-HIK 1/case | 70071563731 | 00051131173781 |
| TR-600-HIK | 3M™ Versaflo™ Heavy Industry PAPR Kit TR-600-HIK, 1/case | 70071618436 | 00051131373747 |
| GVP-PSK2 | 3M™ Belt-Mounted PAPR Painter's Kit GVP-PSK2/ 37335(AAD) 1/Case | 70071562303 | 00051131373358 |
| SA-100-PSK | 3M™ Versaflo™ Painter's Supplied Air Respirator Kit SA-100-PSK/ 37336(AAD) 1/Case | 70071562311 | 00051131373365 |
| Shrouds for M-400 Helmets | Description | SKU (3M ID) | UPC Number |
| M-444 | 3M™ Versaflo™ Inner Collar M-444, for use with all M-Series Outer Shrouds 1/Case | 70071562089 | 00051131173255 |
| M-445 | 3M™ Versaflo™ Standard Outer Shroud M-445 1/Case | 70071562097 | 00051131173262 |
| M-446 | 3M™ Versaflo™ Comfort Outer Shroud M-446, 1/case | 70071562105 | 00051131173279 |
| M-447 | 3M™ Versaflo™ Flame Resistant Outer Shroud M-447 1/Case | 70071562113 | 00051131173286 |
| M-448 | 3M™ Versaflo™ High Durability Outer Shroud M-448 1/Case | 70071562121 | 00051131173293 |
| Visor and Visor Accessories | Description | SKU (3M ID) | UPC Number |
| M-919 | 3M™ Versaflo™ Replacement Visor Frame Buttons M-919 10/Case | 70071562139 | 00051131173309 |
| M-920 | 3M™ Versaflo™ Replacement Visor Frame Assembly M-920/ 37320(AAD) 1/Case | 70071562147 | 00051131373204 |
| M-921 | 3M™ Versaflo™ Replacement Visor Gasket M-921/ 37321(AAD) 5/Case | 70071562154 | 00051131373211 |
| M-925 | 3M™ Versaflo™ Standard Visor M-925/ 37323(AAD) 5/Case | 70071562170 | 00051131373235 |
| M-926 | 3M™ Versaflo™ Peel-Off Visor Covers M-926/ 37322(AAD) , for M-925 Standard Visor 40/Case | 70071562162 | 50051131373223 |
| M-927 | 3M™ Versaflo™ Premium Visor M-927/ 37324(AAD) 5/Case | 70071562188 | 00051131373242 |
| M-928 | 3M™ Versaflo™ Peel-Off Visor Covers M-928/ 37452(AAD) , for M-927 Premium Visor 40/Case | 70071563939 | 50051131374527 |
| M-929-25 | 3M™ Versaflo™ Shaded Peel-Off Visor Cover, M-929, for 3M Versaflo™ M-Series Headgear, 25/case | 70071674074 | 00051141567617 |

3M AAD product numbers are found in blue type on selected products.

Parts and Accessories, *continued*

| Breathing Tubes, Accessories and Adapters | Description | SKU (3M ID) | UPC Number |
|---|--|-------------|----------------|
| V-199 | 3M™ Adapter V-199/ 37069(AAD) 4/Case | 70071042512 | 00051131370692 |
| BT-20L | 3M™ Versaflo™ Breathing Tube, BT-20L, Medium/Large, 1/case | 70071533015 | 00051131373105 |
| BT-20S | 3M™ Versaflo™ Breathing Tube, BT-20S, Small/Medium, 1/case | 70071533023 | 00051131373099 |
| BT-922/W-3228-10 | 3M™ Versaflo™ Breathing Tube Cover BT-922 / W-3228-10, 10/case | 78806025280 | 00051131373112 |
| BT-30 | 3M™ Versaflo™ Length Adjusting Breathing Tube BT-30 1/case | 70071563749 | 0005113173798 |
| BT-40 | 3M™ Versaflo™ Heavy Duty Neoprene Rubber Breathing Tube BT-40 1/case | 70071563756 | 00051131173804 |
| BT-926/L-199SG | 3M™ Versaflo™ High Temperature Breathing Tube Cover, Welding Safety BT-926/L-199SG 1 EA/Case | 70071516556 | 00051135894514 |

| Replacement Parts | Description | SKU (3M ID) | UPC Number |
|-------------------|---|-------------|----------------|
| M-116 | 3M™ Versaflo™ Replacement Airflow Deflector M-116, for use with M-100 Faceshields 1/Case | 70071544947 | 0005113173132 |
| M-150 | 3M™ Versaflo™ Replacement Head Suspension M-150/ 37316(AAD) , for use with M-100 Faceshields 1/Case | 70071544954 | 00051131373167 |
| M-154 | 3M™ Versaflo™ Replacement Forehead Seal M-154, for use with M-100 Series Faceshields 1/Case | 70071544962 | 0005113173149 |
| M-170 | 3M™ Versaflo™ Faceshield Head Inserts M-170/ 37318(AAD) , for use with M-100 Faceshields 1 Pair/Case | 70071544970 | 00051131373181 |
| M-316 | 3M™ Versaflo™ Replacement Airflow Deflector M-316, for use with M-300 and M-400 Products 1/Case | 70071562014 | 0005113173187 |
| M-350 | 3M™ Versaflo™ Replacement Head Suspension M-350, for use with M-300 and M-400 Hardhats 1/Case | 70071562022 | 00051131173194 |
| M-354 | 3M™ Versaflo™ Replacement Forehead Seal M-354, for use with M-300 Hardhat 1/Case | 70071562030 | 0005113173200 |
| M-441 | 3M™ Versaflo™ Replacement Jaw Gasket M-441, for use with M-400 Helmets 1/Case | 70071562071 | 00051131173248 |
| M-935 | 3M™ Versaflo™ Standard Faceseal M-935/ 37325(AAD) 5/Case | 70071562196 | 00051131373259 |
| M-936 | 3M™ Versaflo™ Comfort Faceseal M-936/ 37326(AAD) 5/Case | 70071562204 | 00051131373266 |
| M-937 | 3M™ Versaflo™ Flame Resistant Faceseal M-937 5/Case | 70071562212 | 0005113173316 |
| M-956 | 3M™ Versaflo™ Size Reducing Ratchet Comfort Pad M-956/ 37327(AAD) 10/Case | 70071562220 | 50051131373278 |
| M-957/L-115 | 3M™ Versaflo™ Forehead Comfort Pad/Sweat Pad M-957/L-115/ 37010(AAD) 10/Case | 70070798577 | 50051131370109 |
| M-958/L-112 | 3M™ Versaflo™ Chin Strap M-958/L-112 2/Case | 70070843340 | 50051138662566 |
| M-960 | 3M™ Versaflo™ Replacement Visor Pivot Kit M-960 1 Pair/Case | 70071562238 | 0005113173323 |
| M-972 | 3M™ Versaflo™ Flame Resistant Headgear Cover M-972/ 37331(AAD) 1/Case | 70071562246 | 00051131373310 |
| M-976 | 3M™ Versaflo™ Head Neck and Shoulder Cover M-976/ 37332(AAD) , for use with M-100 and M-300 Products 1/Case | 70071562253 | 00051131373327 |
| M-985 | 3M™ Peltor™ Earmuff Assembly M-985/ 37333(AAD) , for Versaflo™ M-100 and M-300 Products 1 Pair/Case | 70071562287 | 00051131373334 |

For more information

In U.S.

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

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

Internet
3M.com/WorkerSafety
3M.com/Versaflo

In Canada

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

Customer Care
Hours of Operation: **1-800-364-3577**
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
3M.com
3M PSD products are for occupational use only.



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 correct use, consult packaging instructions and supervisor, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

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