

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



Comfort
Simplicity
Versatility

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

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

3M

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

3M™ Versaflo™ M-Series Headgear 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 helps make them suitable 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.

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™ M-100 Faceshield) for optimal fit and weight distribution.

Easy Maintenance

Easily removable parts allow simple cleaning, maintenance and replacement.

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.

Versatility

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

Lightweight

3M™ VERSAFLO™ M-SERIES FACESHIELDS, HARD HATS AND HELMETS

M-100 Respiratory Faceshield

- Helps provide respiratory (OSHA APF 25) and limited eye (ANSI Z87.1-2010) protection
- Weighs approx. 613g (1.4 lbs)*
- Light, well-ventilated shell offers maximum comfort
- Optional accessory (M-170 Faceshield Inserts) provides head coverage from dirt and debris, as well as minimal protection from contact with stationary objects
- Recommended for most powder handling, paint spraying, and general maintenance applications where an approved level of head protection is not required
- Available with a variety of faceseal fabrics



The M-976 Head, Neck, and Shoulder Cover can be used with all M-100 and M-300 headgear to help keep the wearer's hair, neck, and collar clean from paint spray, powder, or other contaminants.



The M-972 Flame Resistant Headgear Cover may be used on any M-Series headgear to help keep the headgear shell clean from paint spray, powder or other contaminants.

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 approx. 850g (1.9 lbs)*
- 6-strap textile suspension offers maximum comfort
- Recommended for most powder handling, paint spraying and general maintenance applications where hard hat protection is required or desired
- Available with a variety of faceseal fabrics



M-400 Respiratory Helmet

- Helps provide respiratory (OSHA APF 1000)** protection, plus limited head (ANSI Z89.1-2003 Type 1 Class G) and eye (ANSI Z87.1-2010) protection
- Weighs approx. 1049g (2.3 lbs)*
- 6-strap textile suspension offers maximum comfort
- Recommended for most powder handling, paint spraying, and general maintenance applications where the highest level of respiratory protection defined by OSHA and hard hat protection is required or desired
- Four different shroud materials available



*Weight is complete assembly.

** Consult 3M Technical Data Bulletin #175 and the M-Series User Instructions for additional information on the Assigned Protection Factor of 1000 (APF). In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your region.

and easy to use.

3M™ Versaflo™ M-Series Combinations

— M-Series Combinations

.... L-Series Combinations

..... 9100 MP Combinations

3M™ VERSAFLO™ M-SERIES FACESHIELDS, HARD HATS AND HELMETS

M-100 Series Faceshields

M-105

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



Order a complete helmet:

M-105 Faceshield with
37314 Standard Visor and Face Seal

M-107 Faceshield with Premium Visor and
Flame Resistant Face Seal

OR

Create a customized helmet:

M-101 Faceshield without Visor or Face Seal

- Choose options from page 7

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 Face Seal

M-307 Hard Hat with Premium Visor
and Flame Resistant Face Seal

OR

Create a customized helmet:

M-301 Hard Hat without Visor or Face Seal

- Choose options from page 7

M-400 Series Helmets

APF 1000** Respiratory Protection,
Head Protection, Eye/Face Protection,
Directable Airflow



M-407

Order a complete helmet:

M-405 Helmet with Standard Visor and
Shroud

M-407 Helmet with Premium Visor and
Flame Resistant Shroud

OR

Create a customized helmet:

M-401 Helmet without Visor or Shroud

- Choose options from page 7

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 Small/Medium (Approx. 28")
BT-20L/37310 Medium/Large (Approx. 38")



BT-30
Length Adjusting



BT-40
Heavy Duty

3M™ VERSAFLO™ TR-SERIES POWERED AIR PURIFYING RESPIRATORS (PAPRS)†



TR-300 Particulate PAPR Assemblies†

TR-305N Standard Belt &
Economy Battery

TR-306N High Durability Belt &
High Capacity Battery

TR-307N Easy Clean Belt &
High Capacity Battery

Filters

TR-3710N-5 Particulate Filter,
5/case

TR-3710N-40 Particulate Filter,
40/case



TR-600 Particulate PAPR Assemblies

TR-613N High Durability Belt &
Economy Battery

TR-614N Easy Clean Belt &
Economy 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/Methyl-
amine/HE

TR-6510N-5 Organic Vapor/HE

TR-6530N-5 Organic Vapor/Acid
Gas/HE

TR-6590N-5 Multi-Gas/HE

TR-6710N-5 High Efficiency Filter

TR-6820N-5 HE and Nuisance OV/
AG Filter

** Consult 3M Technical Data Bulletin #175 and the M-Series User Instructions for additional information on the Assigned Protection Factor of 1000 (APF). In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your region.

† For TR-300 Models - Operating Altitude approx. sea level to 2,600ft (800m). For altitudes above 2,600ft, contact 3M.

For TR-600 Models - Operating Altitude approx. -328 to 16,404ft (-100 to 5,000m). For altitudes outside this range, contact 3M.

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^{††} with Speedglas™ Welding Shield and V-100 Cooling Valve

27-5902-XXSW Hard Hat[†] with Speedglas™ Welding Shield and V-300 Valve

OR

Create a customized helmet:

27-0099-35SW Hard Hat^{††} (Speedglas™ ADF and Air Source not included)



3M™ L-SERIES HEADGEAR*

L-Series Headgear

APF 25 (L-705SG) or APF 1000[‡] (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-170
Adapter



3M™ L-122 BREATHING TUBE

L-122/37012
Breathing Tube



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**
3/8" High Pressure Hose



25 ft. – **W-2929-25**
50 ft. – **W-2929-50**
100 ft. – **W-2929-100**
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



AP-601
(100 cfm) without CO Monitor



256-02-01
(100 cfm) with CO Monitor



W-2806/07006
(50 cfm) without CO Monitor

AP-602
(100 cfm) with CO Monitor

256-02-00
(50 cfm) with CO Filtration and Monitor

AP-603
(100 cfm) with CO Filtration and Monitor

IMPORTANT: These filter and regulated panel products do not produce Grade-D breathing air. The employer is required to ensure that the compressed air used with any supplied air system meets the requirements for Grade-D breathing air per the Compressed Gas Association Commodity Specification G-7.1-1997. In Canada, refer to CSA Standard Z180.1 for the quality of compressed breathing air.



W-2808/37027
CO Monitor Retrofit Kit

3M Automotive Aftermarket Division (AAD) Product Numbers are found in blue type on selected products.

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

[‡]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.

* Future configuration with TR-600 models

3M™ VERSAFLO™ M-SERIES FACESHIELDS, HARD HATS AND HELMETS

M-100 Series Faceshields

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



Order a complete helmet:

M-105 / 37314

Faceshield with Standard Visor and Face Seal

M-107

Faceshield with Premium Visor and Face Seal

OR

Create a customized helmet:

M-101 Faceshield without Visor or Face Seal

- Choose a visor from page 7
- Choose a face seal from page 7

M-300 Series Hard Hats

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



Order a complete helmet:

M-305

Hard Hat* with Standard Visor and Face Seal

M-307

Hard Hat* with Premium Visor and Face Seal

OR

Create a customized helmet:

M-301 Hard Hat* without Visor or Face Seal

- Choose a visor from page 7
- Choose a face seal from page 7

M-400 Series Helmets

APF 1000**
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

OR

Create a customized helmet:

M-401 Helmet* without Visor or Shroud

- Choose a visor from page 7
- Choose an outer shroud from page 7
- Select the M-444 inner collar

Breathing Tube



BE-324
(Approx. 36")

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



BT-20S / 37309 S/M (Approx. 28")
BT-20L / 37310 M/L (Approx. 38")



BT-30
Length Adjusting



BT-40
Heavy Duty

NiCd BREATHE EASY™ SYSTEMS



520-17-00



520-03-73
Single Battery Charger



520-03-72
Five Battery Charger



520-01-61
Ten Battery Charger



450-00-01R12
High Efficiency Particulate (HE) Cartridge

NiCd GVP™ SYSTEMS



NiCd Battery

- GVP-1** Standard Belt
- GVP-1U** Urethane Belt
- GVP-CB** Comfort Belt

Cartridges/Filters

- GVP-401** Organic Vapor (OV)
- GVP-402** Chlorine/Hydrogen Chloride/Sulfur Dioxide/Chlorine Dioxide/Hydrogen Fluoride (AG)
- GVP-403** Organic Vapor/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 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)

** Consult 3M Technical Data Bulletin #175 and the M-Series User Instructions for additional information on the Assigned Protection Factor of 1000 (APF). In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your region.

Product Number	Description
M-100 Respiratory Faceshields	
M-101	3M™ Versaflo™ Respiratory Faceshield without Visor and Faceseal, 1/case
M-105/37314	3M™ Versaflo™ Respiratory Faceshield Assembly with Standard Visor and Standard Faceseal, 1/case
M-107	3M™ Versaflo™ Respiratory Faceshield Assembly with Premium Visor and Flame Resistant Faceseal, 1/case
M-170/37318	3M™ Versaflo™ Faceshield Head Inserts for use with M-100 Faceshields, 1 pair/case

M-300 Respiratory Hard Hats	
M-301	3M™ Versaflo™ Respiratory Hard Hat without Visor or Faceseal, 1/case
M-305	3M™ Versaflo™ Respiratory Hard Hat Assembly with Standard Visor and Standard Faceseal, 1/case
M-307	3M™ Versaflo™ Respiratory Hard Hat Assembly with Premium Visor and Flame Resistant Faceseal, 1/case

M-400 Respiratory Helmets	
M-401	3M™ Versaflo™ Respiratory Helmet without Visor and Shroud, 1/case
M-405	3M™ Versaflo™ Respiratory Helmet Assembly with Standard Visor and Standard Shroud, 1/case
M-407	3M™ Versaflo™ Respiratory Helmet Assembly with Premium Visor and Flame Resistant Shroud, 1/case

Faceseals for M-100 Faceshields and M-300 Hard Hats	
M-935/37325	3M™ Versaflo™ Standard Faceseal, 5/case
M-936/37326	3M™ Versaflo™ Comfort Faceseal, 5/case
M-937	3M™ Versaflo™ Flame Resistant Faceseal, 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
BE-324	3M™ Breathing Tube, 1/case
L-170	3M™ Adapter, 4/case

Product Number	Description
Visors and Visor Accessories	
M-919	3M™ Versaflo™ Replacement Visor Frame Buttons, 10/case
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

Additional Replacement Parts and Accessories		
M-441	3M™ Versaflo™ Replacement Jaw Gasket for use with M-400 Helmets, 1/case	
M-116	3M™ Versaflo™ Replacement Airflow Deflector for use with M-100 Faceshields, 1/case	
M-150/37316	3M™ Versaflo™ Replacement Head Suspension for use with M-100 Faceshields, 1/case	
M-154	3M™ Versaflo™ Replacement Forehead Seal for use with M-100 Series Faceshields, 1/case	
M-316	3M™ Versaflo™ Replacement Airflow Deflector for use with M-300 and M-400 Products, 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 and M-300 Products, 1/case	
M-985/37333	3M™ Versaflo™ Headgear-Mounted Earmuff Assembly for use with M-100, M-300 and 9100 MP Products, 1 pair/case	

3M Automotive Aftermarket Division (AAD) Product Numbers are found in blue type on selected products.

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 TR-600-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 or TR-600 Series PAPR kit with High Durability Leather Belt, and a BT-40 Heavy Duty Breathing Tube.

BELT-MOUNTED PAPR KIT



GVP-PSK / 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 a M-101 Respiratory Faceshield with a M-925 Visor, M-936 Comfort Face Seal and M-170 Head Inserts.

LOOKING TO CUSTOMIZE YOUR SYSTEM?

All Versaflo Headgear, Air Sources, and Breathing Tubes are compatible with one another, allowing you to build the system you need for your application. See pages 4-5 to build your own Versaflo system, or visit www.3M.com/versaflo.



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 a M-101 Respiratory Faceshield with a M-925 Visor, M-936 Comfort Face Seal and M-170 Head Inserts. 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.

For More Information

In U.S.

Technical Assistance 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

Technical Assistance 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



General Offices
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Scan to learn more or request a product demo.

Download reader @ <http://get.beetagg.com>.



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 PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.