

**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 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™ 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

- Provides 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

- Provides respiratory (OSHA APF 25) protection, plus limited head (ANSI Z89.1-2003 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

- Provides 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.

and easy to use.

3M™ Versaflo™ M-Series Combinations

— M-Series Combinations

.... L-Series Combinations

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

M-100 Series Faceshields

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



M-105

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 a visor from page 7
- Choose a face seal from page 7
- Consider the optional M-170 inserts to create a closed shell
- Consider the optional M-976 cover for dirty applications

M-300 Series Hard Hats

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



M-307

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 a visor from page 7
- Choose a face seal from page 7
- Consider the optional M-976 for dirty applications

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

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

**OSHA assigned protection factors defined in 29 CFR 1910.134. 3M supports an APF of 1000 for the S-Series and H-Series Hoods, and M-Series and L-Series Helmets with TR-Series, V-Series, and GVP-Series air supply sources. Contact 3M Technical Service for supporting test procedures and data. In Canada, follow CSA Z94.4 or the requirements of the authority having jurisdiction in your region.

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

M-400 Series Helmets

APF 1000 Respiratory Protection, Head Protection, Eye/Face Protection, Adjustable 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



M-407

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-705SG

†ANSI Z89.1-2003 Type II Class G. CAN/CSA Z94.1-05 Class G protective helmets.

L-170 Adapter



3M™ L-122 BREATHING TUBE

L-122/37012 Breathing Tube



3M™ GVP-SERIES POWERED AIR PURIFYING RESPIRATORS (PAPRS)



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



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



W-2806/07006
(50 cfm) without CO 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



NiCd Battery

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



NiMH Battery

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

Cartridges/Filters

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

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

M-100 Series Faceshields

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



M-105

Order a complete helmet:

M-105 / 37314

Faceshield with Standard Visor and Face Seal

OR

M-107

Faceshield with Premium Visor and Face Seal

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,
Adjustable Airflow



M-307

Order a complete helmet:

M-305

Hard Hat with Standard Visor and Face Seal

OR

M-307

Hard Hat with Premium Visor and Face Seal

Create a customized helmet:

M-301 Helmet 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,
Adjustable Airflow



M-407

Order a complete helmet:

M-405

Helmet with Standard Visor and Shroud

OR

M-407

Helmet with Premium Visor and Flame Resistant Shroud

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")

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

NiMH BREATHE EASY™ SYSTEMS



520-15-00



BC-210 Charger

Cartridges/Filters

- 450-00-01R12 High Efficiency Particulate (HE)
- 453-00-01R06 Organic Vapor/HE (OV/HE)
- 453-03-01R06 Organic Vapor/Chlorine/Hydrogen Chloride/Sulfur Dioxide/HE (OV/AG/HE)
- 453-07-01R06 Organic Vapor/Sulfur Dioxide/Hydrogen Fluoride/HE (OV/HF/AG/HE)
- 453-01-01R06 Chlorine/Hydrogen Chloride/Sulfur Dioxide/Formaldehyde/HE (AG/FM/HE)
- 453-02-01R06 Ammonia/Methylamine/HE (AM/MA/HE)

**OSHA assigned protection factors defined in 29 CFR 1910.134. 3M supports an APF of 1000 for the M-Series Helmets. Contact 3M Technical Service for supporting test procedures and data. 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 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 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 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 and M-300 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

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-306N PAPR with High Durability Leather Belt, and a BT-40 Heavy Duty Breathing Tube. A battery charger, TR-3710N filter, and spark arrestor/prefilter are included as part of the TR-306N.

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 a M-101 Respiratory Faceshield with a M-925 Visor and M-936 Comfort Faceseal.

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 and M-936 Comfort Faceseal. 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



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Scan to learn more or request a product demo.

Download reader @ <http://get.beetag.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 OH&ESD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.