



Science.
Applied to Life.™

3M™ Versaflo™ M-Series Helmet Assembly
with 3M™ Speedglas™ Welding Shield

Comfort. Without compromise.

Weld and grind all day long in comfort – and with confidence! Head, eye, face and Assigned Protection Factor (APF) 1000 respiratory protection in a rugged, lightweight 3M powered and supplied air system.

Integrated protection against tough workplace hazards

Get a complete Personal Protective Equipment (PPE) system with a lightweight, compact design. We've matched up our advanced Powered Air Purifying Respirator (PAPR) technology. It's comfortable, with ergonomic, adjustable head suspension and a wider field of view.

Customizable to fit your needs

The M-series head top is compatible with a number of 3M's most innovative respiratory and welding protection solutions – including our Adflo and Versaflo TR-600, GVP Powered Air Purifying Respirators, and Supplied Air Systems.

APF 1000 protection for challenging environments

This advanced system is popular for applications including

- MIG, TIG and GMAW welding
- Arc gouging
- Plasma cutting
- Grinding
- Abrasive cutting

The best of both worlds

If you do both welding and grinding, now there's another integrated 3M PPE system designed especially for you.



Auto-darkening filter

Helps protect from welding arc and impact, and offers larger viewing area compared to L-905SG. Meets ANSI Z87.2010/2015.

Flame resistant helmet cover

Spark and splatter retardant.

Take cover

Durable leather shroud to help protect from spark and splatter.



Respiratory M-Series 3M™ Versaflo™ M-409SG Helmet Assembly

With Heavy-Duty Leather Shroud, flame-resistant helmet cover, and Speedglas™ Welding Shield (no ADF included).

Take a load off

10% weight reduction compared to L-905SG. Helmet meets ANSI Z89.1 Type I, Class G limited head protection.*

Weld, grind and more, With confidence

Head top can be used for most applications including arc gouging, plasma cutting, grinding, MIG, TIG, and GMAW welding. Face shield meets ANSI Z87.1+.*



Flame resistant shroud for protection

Spark- and splatter-retardant shroud.

Respiratory M-Series 3M™ Versaflo™ M-407SG Helmet Assembly

With flame-resistant shroud and Speedglas™ Welding Shield (no ADF included).



*M-Series head tops not tested to CSA Z94.1 and Z94.3.

Selection Guide

Here's what you need for a 3M™ Adflo™ or 3M™ Versaflo™ System.

1

First, choose your helmet.



M-409SG

3M™ Versaflo™ Respiratory M-Series Helmet Assembly with leather shroud, Helmet Cover and Speedglas™ Welding Shield (no ADF included). M-409SG



M-407SG

3M™ Versaflo™ Respiratory M-Series Helmet Assembly with Shroud and Speedglas™ Welding Shield (no ADF included). M-407SG

2

Next, choose your auto-darkening filter.



3M™ Speedglas™ 9100XXi Auto Darkening Filter

06-0000-30i-CA



3M™ Speedglas™ 9100XX Auto Darkening Filter

06-0000-30-CA



3M™ Speedglas™ 9100X Auto Darkening Filter

06-0000-20-CA

3

Now, choose your breathing tube and air-purifying respirator.



3M™ Speedglas™ Sound-Dampening Breathing Tube* SG-50W



3M™ Adflo™ Turbo Assembly

Includes blower unit, flow indicator, spark arrestor, prefilter, HE particulate filter, filter cover, lithium ion battery, and smart charger. (Headgear, belt and breathing tube not included.) 35-3499-01



3M™ Versaflo™ Heavy Duty Rubber Breathing Tube BT-40



3M™ Versaflo™ Powered Air Purifying Respirator Unit

The TR-602N is a 3M™ Versaflo™ TR-600 series Powered Air Purifying Respirator motor/blower only. It does not include a filter, belt, battery, or charger. See ordering information to choose the components that will work for you. TR-602N

4

Finally, choose a matching belt or backpack.



3M™ Adflo™ Leather Belt

15-0099-16



3M™ Versaflo™ Backpack**

BPK-01



3M™ Versaflo™ Back Pack Adaptor**

TR-655



3M™ Versaflo™ High Durability Belt

TR-626

*The 3M™ Speedglas™ Breathing Tube SG-50W is required when used with 3M™ Adflo™ powered air purifying respirator (PAPR) with M-407SG or M-409SG headtops.
**Back pack can be used for both Adflo and Versaflo systems; however, Back Pack Adapter is suggested to be used for Versaflo PAPR.

Selection Guide

Here's what you need for the 3M™ Supplied Air System.

1

First, choose your helmet.



M-409SG

3M™ Versaflo™ Respiratory M-Series Helmet Assembly with leather shroud, Helmet Cover and Speedglas™ Welding Shield (no ADF included). M-409SG



M-407SG

3M™ Versaflo™ Respiratory M-Series Helmet Assembly with Shroud and Speedglas™ Welding Shield (no ADF included). M-407SG

2

Next, choose your auto-darkening filter.



3M™ Speedglas™ 9100XXi Auto Darkening Filter

06-0000-30i-CA



3M™ Speedglas™ 9100XX Auto Darkening Filter

06-0000-30-CA



3M™ Speedglas™ 9100X Auto Darkening Filter

06-0000-20-CA

3

Now, choose your breathing tube.



3M™ Versaflo™ Heavy Duty Rubber Breathing Tube BT-40



3M™ Breathing Tube Adapter V-199

4

Select an air control device.



3M™ Versaflo™ Supplied Air Vortex Cooling Assembly

V-100



3M™ Versaflo™ Supplied Air Vortex Heating Assembly

V-200



3M™ Versaflo™ Air Regulating Valve Assembly

V-300

5

Select a supplied air hose.



3M™ Supplied Air Respirator 3/8" High Pressure Hose available in 25, 50 and 100 ft lengths

W-9435



3M™ Supplied Air Respirator 3/8" High Pressure Hose available in 25, 50 and 100 ft lengths

W-2929

6

Finally, choose an air purification panel.



3M™ Portable Compressed Air Filter and Regulator Panel, 50 cfm, 4 outlets, with CO Filtration and Monitor*

256-02-00



3M™ Portable Compressed Air Filter and Regulator Panel, 100 cfm, 8 outlets, with CO Monitor*

256-02-01



3M™ Compressed Air Filter and Regulator Panel, 50 cfm, 3-5 outlets, without CO Monitor*

W-2806



3M™ Retrofit Carbon Monoxide Monitor Kit*

W-2808

*The use of a calibration kit is also required – see part numbers 529-04-48 (large) or 529-04-49 (small).

3M™ Adflo™ and 3M™ Speedglas™ Components

3M™ Adflo™ Welding Kits

Part No.	Description	3M ID
38-1101-00SW	3M™ Adflo™ PAPR and Versaflo™ M-Series M-409SG Helmet Kit with Speedglas™ Welding Shield, Lithium Ion Battery (No ADF)	7100168250

3M™ Adflo™ Replacement Parts

Part No.	Description	3M ID
35-5401-01	3M™ Adflo™ Turbo Assembly 35-5401-01, Lithium Ion Battery	7100041711
15-1101-99	3M™ Adflo™ High Efficiency Starter Kit, 1/Case	7000126735
15-0299-99X02	3M™ Adflo™ Powered Air Purifying Respirator (PAPR) High Efficiency Particulate Filter, 2/Case*	7100009539
15-0099-99X06	3M™ Adflo™ Prefilter, 6/Case*	7000126731
15-0009-99X02	3M™ Adflo™ Spark Arrestor, 2/Case	7000126730
35-0099-08	3M™ Adflo™ PAPR Battery Smart Charger for Lithium Ion Battery	7100025244
35-1099-07	3M™ Adflo™ Powered Air Purifying Respiratory (PAPR) Battery, Lithium Ion	7100025245
SG-50W	3M™ Speedglas™ Sound-Dampening Breathing Tube	7000128117
15-0099-16	3M™ Adflo™ Leather Belt, 1/Case	7000126728
BPK-01	3M™ Versaflo™ Back Pack	7000052901

3M™ Adflo™ PAPR Accessories

Part No.	Description	3M ID
35-0099-08N6	3M™ Adflo™ Battery Charging Stand 6-position for Lithium Ion and NiMH batteries	7100048973
SG-15	3M™ Speedglas™ Breathing Tube Cover	7000128115
06-0700-83	3M™ Speedglas™ Full Hood, Black	7000128087
15-0499-99x02	3M™ Adflo™ Replacement Cartridges, Organic Vapour/Acid Gas (OV/SD/CL/HC), 1/Case*	7000128118
35-0699-99X01	3M™ Adflo™ PAPR Nuisance Odour Pad Assembly 35-0699-99X01	7100017139

3M™ Speedglas™ Auto-Darkening Filters

Part No.	Description	3M ID
06-0000-30i-CA	3M™ Speedglas™ Auto Darkening Filter 9100XXi, Shades 5, 8-13	7100094478
06-0000-30-CA	3M™ Speedglas™ Auto Darkening Filter 9100XX, Shades 5, 8-13	7000127160
06-0000-20-CA	3M™ Speedglas™ Auto Darkening Filter 9100X, Shades 5, 8-13	7000127159

*indicates that bulk case quantities are available

3M™ Versaflo™ Components

	Part No.	Description	3M ID
Helmet Assembly & Replacement Parts	M-407SG	3M™ Versaflo™ Respiratory M-Series Helmet Assembly with Shroud and Speedglas™ Welding Shield (No ADF)	7100168651
	M-409SG	3M™ Versaflo™ Respiratory M-Series Helmet Assembly with Leather Shroud, Helmet Cover and Speedglas™ Welding Shield (No ADF)	7100168650
	M-146SG	3M™ Versaflo™ M-Series Helmet Welding Knob and Pivot Kit	7100168648
	M-449	3M™ Versaflo™ M-Series Leather Shroud	7100168248
	M-978	3M™ Versaflo™ M-Series Helmet Cover	7100168652
	M-153SG	3M™ Versaflo™ M-Series Helmet Assembly with Speedglas™ Welding Shield (No ADF Included)	7100168249
Filters/Cartridges	TR-6710N-5	3M™ Versaflo™ High Efficiency Filter	7100028247
	TR-6710N-40	3M™ Versaflo™ High Efficiency Filter	7100019288
	TR-6820N	3M™ Versaflo™ HEPA and Nuisance OV/AG Filter	7100021092
	TR-6510N	3M™ Versaflo™ Organic Vapour/HEPA Cartridge	7100021253
	TR-6530N	3M™ Versaflo™ Organic Vapour/Acid Gas/HEPA Cartridge	7100021007
	TR-6320N	3M™ Versaflo™ Acid Gas/HEPA Cartridge	7100021254
	TR-6360N	3M™ Versaflo™ Ammonia/Methylamine/HEPA Cartridge	7100027408
	TR-6350N	3M™ Versaflo™ Formaldehyde/HEPA Cartridge	7100027551
	TR-6590N	3M™ Versaflo™ Multi-Gas/HE Cartridge	7100035844
BT & PAPR	BT-40	3M™ Versaflo™ Heavy Duty Breathing Tube	7100105845
	TR-602N	3M™ Versaflo™ Powered Air Purifying Respirator Unit	7100035756
Batteries & Chargers	TR-630	3M™ Versaflo™ Standard Battery	7100035835
	TR-632	3M™ Versaflo™ High Capacity Battery	7100035836
	TR-641N	3M™ Versaflo™ Single Station Battery Charger Kit	7100035838
	TR-644N	3M™ Versaflo™ 4-Station Battery Charger Kit	7100035839
Belts	TR-626	3M™ Versaflo™ High Durability Belt	7100035831
	BPK-01	3M™ Versaflo™ Backpack	7000052901
	TR-655	3M™ Versaflo™ Backpack Adaptor	7100035843
3M™ Versaflo™ Accessories	TR-6600	3M™ Versaflo™ Prefilter	7100021255
	TR-662	3M™ Versaflo™ Spark Arrestor	7100035845
	TR-653	3M™ Versaflo™ Cleaning & Storage Kit	7100035841

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 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 injury, illness or death. For proper use, see package instructions, supervisor, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.



3M Personal Safety Division
3M Canada

P.O. Box 5757
London, ON N6A 4T1
Canada
1-800-267-4414
3M.ca/Safety
3M PSD products are for occupational use only.

M-Series headtops are also compatible with supplied air and GVP PAPRs.

Learn more: 3M.ca/Welding

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