Technical data sheet

Product:	FF-301, FF-302
Manufacturer:	3M DEUTSCHLAND GMBH
Product group:	ARBEITSSCHUTZ
Article group:	MASKEN
Download:	14.11.2026

3M™ REUSABLE RESPIRATOR FF-300 SERIES

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3M™ Full Facepiece Reusable Respirator FF-300 Series

Technical datasheet

Product description

The 3M™ Full Facepiece Reusable Respirator FF-300 Series can be used with approved 3M™ DT-Series filters* with a 40mm (EN 148-1) thread, or it can be used as part of an approved powered air respirator system using the appropriate breathing tube. Both combinations can protect against gases, vapours and/or particulates depending on your individual needs.

Please note, the 3M™ Full Facepiece Reusable Respirator FF-300 Series, was previously named the Scott™ Promask™ Reusable Full Mask, Promask black or the Scott™ Vision™ reusable Full Mask, FM3 for the PAPR version.

*Filters previously from the Scott Safety Pro2000 range

Key features

- Approved to EN 136:1998 Class 3 and EN 12942:1998 + A2:2008 TM3 when used as part of a powered air respirator system
- Speech diaphragm
- Available in two sizes: FF-302 (Medium/Large) and FF-301 (Small)
- Spectacle kit available
- Face piece weight: approx. 560 grams

Assigned Protection Factors

3M™ Full Facepiece Reusable Respirator FF-300 Series with:	Assigned Protection Factor*
P1 Particulate Filters**	4
P2 Particulate Filters**	10
P3 Particulate Filters**	40
Class 1 Gas and Vapour Filters**	20 or 1000ppm (whichever is lower)
Class 2 Gas and Vapour Filters	20 or 5000ppm (whichever is lower)
3M™ Powered Air Turbo PF-602E 3M™ Versaflo™ Powered Air Turbo TR-602E 3M™ Versaflo™ Powered Air Turbo TR-802E	40

*For further information on Assigned Protection Factors (APFs) see HSE document HGS53 or alternatively contact 3M.

Please refer to EN 529:2005 and National workplace protection guidance for application of these numbers in the workplace. Please contact 3M for further information.

** with approved 3M™ DT-Series filters

Standards and approvals

The 3M™ Full Facepiece Reusable Respirator FF-300 Series has been tested to EN 136:1998 Class 3 and EN 12942:1998 + A2:2008 TM3.

The Certificates and Declarations of Conformity are available at the following website: **www.3M.com\Respiratory\certs**

Key use limitation

1. This respirator does not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen.
2. Do not use for respiratory protection against atmospheric contaminants that have poor warning properties or are unknown or immediately dangerous to life and health (IDLH) or against contaminants which generate high heats of reaction with chemical filters.
3. Do not misuse, alter, modify or repair this product.
4. Do not use with beards or other facial hair that prevent direct contact between face and edge of the respirator.
5. Do not use with unknown concentrations of contaminants.
6. Leave the work area immediately and check the integrity of the respirator and replace face mask if:

   a. Damage has occurred or is apparent
   b. Breathing becomes difficult or increased breathing resistance occurs
   c. Dizziness or other distress occurs
   d. You taste or smell the contaminant or an irritation occurs
7. Use strictly in accordance with respirator and filter user instruction leaflet.

For full use limitations please refer to the product user instructions.

3M™ DT-Series Filters options*

Filters previously from the Scott Safety Pro2000 range

Filter
3M™ Particulate Filter PF10 P3 R D DT-1135E
3M™ Particulate Filter PFR10 P3 R D DT-1235E (Reduced Opening)
3M™ Combination Filter CF22 A2P3 R D DT-4031E
3M™ Combination Filter CF22 B2P3 R DT-4032E
3M™ Combination Filter Cartridge CF22 A2B2P3 R D DT-4035E
3M™ Combination Filter CF32 A2B2E2K2P3 R D DT-4045E
3M™ Combination Filter CF22 A2B2E1P3 R D DT-4036E
3M™ Combination Filter CF32 A2B2E2K2HgP3 R D DT-4046E
3M™ Combination Filter CF32 AXB2P3 R D DT-4048E
3M™ Gas and Vapour Filter GF22 A2 DT-4001E
3M™ Gas and Vapour Filter GF22 A2B2 DT-4005E
3M™ Gas and Vapour Filter GF32 A2B2E2K2 DT-4006E
3M™ Gas and Vapour Filter GF32 AX DT-4007E
3M™ Combination Filter CF32 AXP3 R D DT-4047E
3M™ Combination Filter CF32 Reactor HgP3 R D DT-4049E
3M™ Combination Filter CF32 A2P3 R D DT-4041E
3M™ Combination Filter CFR32 Reactor HgP3 R D DT-4149E (reduced opening)
3M™ Combination Filter CFR32 A2B2E2K2P3 R D DT-4145E, (reduced opening, foil bag)

* Refer to 3M™ Powered Air Turbo PF-602E, 3M™ Versaflo™ TR-602E and 3M™ Versaflo™ TR-802E Technical Datasheets for filters approved as part of these powered air respirator systems.

3M™ Breathing tube options

Breathing tube	3M™ Powered Air Turbo PF-602E	3M™ Versaflo™ Powered Air Turbo TR-602E	3M™ Versaflo™ Powered Air Turbo TR-802E
SS-BT-55	Yes	N/A	N/A
SS-BT-55L	Yes	N/A	N/A
BT-54	N/A	Yes	Yes

Cleaning and storage

Cleaning is recommended when necessary

If during use the equipment may have become contaminated by hazardous substances, the contamination must be identified and properly removed or the contaminated components must be replaced before next use.

Disposal of the contaminated components must be carried out in accordance with local regulatory requirements.

1. Inspect the equipment for worn or ageing or damaged components.
2. Carefully wipe the facemask clean with a warm water solution containing a mild detergent. The facemask may also be wiped with 3M™ Cleaning Wipes, 105.
3. If necessary, wash the outside of the breathing hose carefully using warm water solution containing a mild detergent. Ensure the breathing hose connections are free from all dirt or debris that could prevent an effective seal with the blower.
4. Once clean all components must be left to dry naturally.

Materials

Component	Material
Facemask	Halo Butyl Elastomer
Inner mask	Thermoplastic elastomer
Head harness	Neoprene rubber
Visor	Polycarbonate or hard coated polycarbonate option

Shelf life

Shelf life: 5 year from production date when stored at storage conditions described on packaging.

The shelf life as defined above remains a indicative and maximum data, subject to many external and non-controllable factors.
It may never be interpreted as a warranty. Always check that all mask components are in good condition before use

Spare parts and accessories

Part Number	Legacy Scott Part Number	Description
FF-300-926	5012698	Visor peel offs
FF-300-06	5512794	Front cover
FF-300-08	5512658 & 5512659	Spark guard kit
FF-300-04	5512692	Head harness
SC-3604	5012697	Neck Strap Assembly
FF-300-20	5512790	Spectacle kit
FF-300-07	5512687	Speech diaphragm
FF-300-21	5512688	Exhalation valve cover
FF-300-05	5512691	Nose cup Assembly
FF-300-41	5512694	Buckle set for harness
FF-300-925	5512695	Standard visor
FF-300-927	5512795	Premium visor (hard-coated)
FF-300-11	5512689	Valve seat set
FF-300-09	5012693	Visor frame Assembly
FF-300-12	5512690	Inhalation and exhalation valves set

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