Science. Applied to Life.™

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

Nominal Protection Factors

3M™ Full Facepiece Reusable Respirator FF-300 Series with:	Nominal Protection Factor*
P1 Particulate Filters**	5
P2 Particulate Filters**	16
P3 Particulate Filters**	1000
Class 1 Gas and Vapour Filters**	2000 or 1000ppm (whichever is lower)
Class 2 Gas and Vapour Filters	2000 or 5000ppm (whichever is lower)
3M™ Powered Air Turbo PF-602E 3M™ Powered Air Turbo PF-602E+ 3M™ Versaflo™ Powered Air Turbo TR-602E 3M™ Versaflo™ Powered Air Turbo TR-802E	2000

*Nominal Protection Factor (NPF) - a number derived from the maximum percentage of total inward leakage permitted in relevant European Standards for a given class of respiratory protective.
This may not be the level of respiratory protection that can be realistically expected in the workplace by wearers.

Many countries apply Assigned Protection Factors (APFs).
For example: German APFs range from 30 to 400 and UK APFs range from 10 to 40 depending on the product type and classification.
Employers may apply a value lower than the NPF/APF if deemed applicable.

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. These products are in conformity with European regulation and UK regulations and/or Directives

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™ 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™ 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	N/A
SS-BT-55L	Yes	N/A	N/A	N/A
BT-54	N/A	Yes	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

TECHNICAL STATEMENT

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Selection and Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement or repair of the 3M product or refund of the purchase price. Warranty claims must be made within one (1) year from the date of 3M's shipment.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by applicable law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Disclaimer: 3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. Unless specifically stated otherwise on the applicable product packaging or literature, these products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature), and must be selected and used in compliance with applicable health and safety regulations and standards (e.g., OSHA, ANSI), as well as all product literature, user instructions, warnings, and other limitations, and the user must take any action required under any recall, field action or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, death, or property damage. For help with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit www.3M.com.

Personal Safety Division

3M United Kingdom PLC
3M Centre
Cain Road, Bracknell
Berkshire RG12 8HT
t: 0870 60 800 60
www.3m.co.uk/respiratory

Version .3
This version is the sole document applicable to the product(s) since its date of publication.

Please recycle. Printed in the UK. © 3M 2022. 3M, , Promask, Scott and Versaflo are trademarks of 3M Company. All rights reserved.
Rev FF-300_v3_2022