

# 3M™ Full Facepiece Reusable Respirator FF-600 Series

## Technical datasheet

### Product description

The 3M™ Full Facepiece Reusable Respirator FF-600 Series can be used with approved 3M™ DT-Series filters\* with a 40mm (EN 148-1) thread, or they can be used as part of an approved powered air respirator system using the appropriate breathing tube. Both combinations protect against gases, vapours and/or particulates depending on your individual needs.

Please note, the 3M™ Full Facepiece Reusable Respirator FF-600 Series, was previously named the Scott™ Vision™ Reusable Full Mask, RFF4000 or the Scott™ Vision™ Reusable Full Mask, FM4 for the PAPR version.

\*Filters previously from the Scott Safety Pro2000 range.

### Key features

- ▶ Approved to EN 136:1998 Class 2 and EN 12942:1998 + A2:2008 TM3 when used as part of a powered air respirator system
- ▶ Speech diaphragm
- ▶ Side port filter or breathing tube attachment
- ▶ Three sizes FF-601 (Small) FF-602 (Medium) FF-603 (Medium/Large)
- ▶ Spectacle kit available
- ▶ Facepiece weight: approx. 550 grams

### Nominal Protection Factors

3M™ Full Facepiece Reusable Respirator FF-600 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-600 Series have been tested to EN 136:1998 Class 2 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](http://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™ Full Facepiece Reusable Respirator FF-600 Series

## 3M™ DT-Series Filters options\*

Note: Filters previously from the Scott 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	Silicone
Inner mask	Thermoplastic elastomer
Head harness	EPDM
Visor	Polycarbonate

## 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

Part Number	Description
FF-600-01	Inhale valve
FF-600-02	Exhalation Valve Assembly
FF-600-04	Polynet Head Harness
FF-600-05	Nose Cup Assembly, Small / Medium
FF-603-05	Nose Cup Assembly, Large
FF-600-06	Front Cover
FF-600-07	Speech Diaphragm Assembly
FF-601-09	Visor Frame Assembly, Small
FF-602-09	Visor Frame Assembly, Medium
FF-603-09	Visor Frame Assembly, Large
FF-600-11	Inhalation Valve Seat Set
FF-600-12	Front fitting gasket
FF-600-20	Spectacle kit
FF-600-21	Spectacle kit 52mm
FF-600-41	Head Harness Assembly
FF-600-42	Buckle and roller pack
FF-600-43	Head Harness Clips
FF-600-44	Head Harness Hinges
FF-600-925	Standard visor
FF-600-926	Visor peel-offs

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