

3M™ Reusable Half Masks HF-300 Series

Technical datasheet

Product description

The 3M™ Reusable Half Mask, HF-300 Series, has been designed with user comfort and convenience in mind. Compatible with certain DIN threaded, 3M™ Filters DT-Series that weigh less than 300 grams, the HF-300 offers protection against a wide range of respiratory hazards. Convenient for workplaces where different types of respiratory protection are used, the HF-300 shares the DT-Series filter range with the 3M™ Powered Air Respirator PF-600 Series and the 3M™ Reusable Full Face Masks, FF-300 and FF-600 Series, minimising the number of filter types that must be kept in stock.

Please note, the 3M™ Reusable Half Mask, HF-300 Series, was previously named the Scott™ AVIVA 40 Reusable Half Mask.

Applications

The 3M™ Reusable Half Mask, HF-300 Series could be suitable for use in a variety of industrial applications, including: general industry, pharmaceuticals, asbestos removal*, construction, mining, farming and horticulture. An assortment of Ready-to-Use Kits are available to meet the needs of specific applications.

*where a half mask and P3 filters is permitted by local regulations.

Standards and approval

The 3M™ Reusable Half Mask, HF-300 Series meets EN standard EN 140:1998 and AS/NZS 1716:2012. The Certificate and Declaration of Conformity available at the following website:
www.3M.com/Respiratory/certs



3M™ Reusable Half Mask, HF-300 Series

Materials

Component	Material
Facemask	Thermoplastic elastomer over-molded onto polypropylene
Face seal	Thermoplastic elastomer
Head harness	Thermoplastic elastomer
Valves	EPDM
Strap material	Polyester with neoprene core
Weight	Small - approx. 128g Medium - approx. 130g Large -approx. 132g

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.

Maintenance

Check that all mask components are in good condition. Record and track all changes of components. Replace inhale and exhale valves at least every year. Worn or damaged items must be replaced prior to further use. Please consult the user instructions for full details.

Cleaning

Clean and sanitise the mask with a synthetic sponge moistened in a mild solution of soap and warm water, or other 3M recommended cleaning and disinfecting solution. Rinse the mask under clean running water. Allow mask to dry thoroughly. You can sanitize the mask using 3M recommended disinfecting wipes.

Storage and disposal

Store half masks protected from direct sunlight, at -10° to +60°C and relative humidity (RH) under 75%. Store the mask in a manner that prevents any distortion of the face seal. You can use the face seal insert that comes with the mask to prevent faceseal distortion. The components must not be more than five years old. Dispose of all half masks in accordance with all applicable regulations.

Specifications and ordering information

Filters are available for a wide variety of applications – please consult 3M Technical Services with any questions.

Ordering information

3M™ Reusable Half Mask, HF-300 Series

Part number	Description
HF-301	3M™ Reusable Half Face Mask HF-301 Small, 10/Case
HF-302	3M™ Reusable Half Face Mask HF-302 Medium, 10/Case
HF-303	3M™ Reusable Half Face Mask HF-303 Large, 10/Case

3M™ Reusable Half Mask, HF-300 Series, Ready-to-Use Kits

Part number	Description
HF-3011	3M™ Reusable Half Face Mask and P3 Particulate Filter Kit HF-3011 Small, 10/Case
HF-3021	3M™ Reusable Half Face Mask and P3 Particulate Filter Kit HF-3021 Medium, 10/Case
HF-3031	3M™ Reusable Half Face Mask and P3 Particulate Filter Kit HF-3031 Large, 10/Case
HF-3014	3M™ Reusable Half Face Mask and A2P3 Combination Filter Kit HF-3014 Small, 10/Case
HF-3024	3M™ Reusable Half Face Mask and A2P3 Combination Filter Kit HF-3024 Medium, 10/Case
HF-3034	3M™ Reusable Half Face Mask and A2P3 Combination Filter Kit HF-3034 Large, 10/Case

Spare Parts

Part number	Description
HF-300-01	3M™ Inhalation Valve HF-300-01, 16/Case
HF-300-02	3M™ Exhalation Valve HF-300-02, 8/Case
HF-300-21	3M™ Exhalation Valve Cover HF-300-21, 10/Case
HF-300-04	3M™ Head Harness Assembly HF-300-04
HF-300-03	3M™ 40mm Port Gaskets HF-300-03, 8/Case

Filters

Part number	Description
Filters approved for use with 3M™ Reusable Half Mask, HF-300 Series (3M™ Filters, DT-Series – maximum weight 300g)	
DT-1135E Bulk	3M™ Particulate Filter PF10 P3 R D DT-1135E Bulk, 20/Case
DT-1135E	3M™ Particulate Filter PF10 P3 R D DT-1135E, 10/Case
DT-4001E	3M™ Gas & Vapour Filter GF22 A2 DT-4001E, 10/Case
DT-4005E	3M™ Gas & Vapour Filter GF22 A2B2 DT-4005E, 10/Case
DT-4007E	3M™ Gas & Vapour Filter GF32 AX DT-4007E, 10/Case
DT-4031E	3M™ Combination Filter CF22 A2P3 R D DT-4031E, 10/Case
DT-4032E	3M™ Combination Filter CF22 B2P3 R D DT-4032E, 10/Case
DT-4035E	3M™ Combination Filter CF22 A2B2P3 R D DT-4035E 10/Case
DT-4036E	3M™ Combination Filter CF22 A2B2E1P3 R D DT-4036E, 10/Case

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