

# TECHNICAL DATA SHEET & CERTIFICATE OF CONFORMITY

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**Dromex**

## DROMEX TWIN PARTICULATE UNIFIT FILTER DHCT-P3



### Description:

These filter cartridges are designed to work with the DRO-AIR MIDI TWIN HALF MASK DH-102 & DH 202.

The cartridge is designed for the intended use of:  
Protection against solid and liquid aerosols.

EN143:2000



### Specifications:

Breathing Resistance: @15.0 l/min >1.20 mbar  
@47.5 l/min >4.20 mabr  
Filter Penetration: @47.5 l/min >0.05% NaCl  
@47.5l/min >0.05% CnHm



### Compliance & Conformity:

NRCS Homologated to SANS 10338: 1999 as required by the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), and the Mine Health and Safety Act, 1996 (Act No. 29 of 1996). Particulate Masks EN143:2003. NRCS Type Approval No.: AZ 2011/48. Particulate filter as per approval from Protechnik to EN143:2000 as per Protechnik test report F3803(E) for SANS50143:2003 P2 TWIN.

Quality System as per ISO9001:2008 certificate HK01/00703 as issued by SGS, UKAS approval number 005.

**NRCS APPROVAL AZ2011/48**

### Packaging, Storage & Obsolescence:

Each Single filter cartridge is shrink wrapped to prevent contamination. The filters are packed two per retail pack and 80 packs per carton. NRCS homologated in the retail packs with one set of cartridges (two cartridges).

Store in a cool dry place. The expiry date of each item is indicated on the cartridge.



### Cleaning & Maintenance:

The exterior of the filter can be cleaned with the use of a dry cloth. Solvents must not be used and care should be taken to ensure no water enters the filter. Cleaning of the filter does not extend its life. It is recommended that DROMEX UNIFIT pre-filter are used in combination with these filters to extend the life of this gas filter.

### Special Instructions:

All respiratory selection should be read in conjunction with BS EN 529:2005 for selection, use care and maintenance.

Do not use these respirators or enter in area where:  
The Oxygen concentration is not known or is less than 19.5%.

Contaminants or their concentrations are unknown or are known to be immediately dangerous to life or health. Particulate or gas concentrations exceed levels fixed by the applicable health and safety regulations.

The requirement for leak tightness is unlikely to be achieved if worn against a beard or facial stubble.

Not to be used for firefighting.

These respirators do not supply oxygen. Do NOT use in oxygen deficient atmospheres (e.g. tanks or other poorly ventilated areas).

Do not use in explosive atmospheres.

The lifetime of a filter depends on many factors including the work rate, the air flow and the concentration of the contaminant in the atmosphere.

A gas filter should be changed immediately when chemical breakthrough of a contaminant is detected by smell, taste or any other means. A dust filter should be changed when breathing becomes impaired.

The UNIFIT TWIN FILTER CARTRIDGE is for use with TWIN filter masks only.

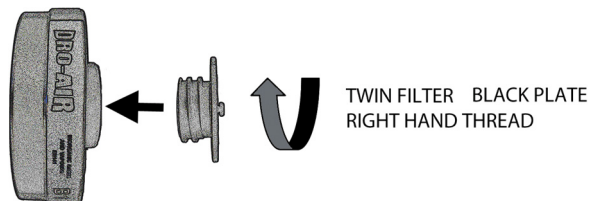
DO NOT USE TWIN CARTRIDGES WITH SINGLE MASKS.

### Changing filter cartridge:



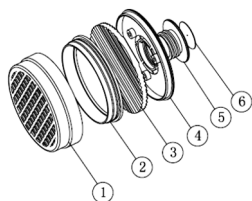
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Remove pre-filter cover if being used and unscrew filter cartridge. Please note that all the DROAIR TWIN filter cartridges have a right hand thread. Remove from the mask together with connector and dispose of the used components hygienically and safely. Clean the half mask as per the instructions. Remove the new UNIFIT filters, complete with valve from the wrapping and replace the filters onto the mask.



Use genuine DROMEX UNIFIT gas cartridges and particulate pre-filters.

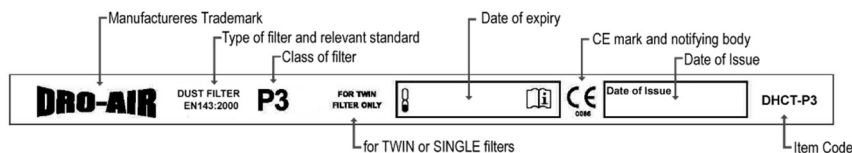
**Materials:**



- 1 Black Polystyrene filter case
- 2 White Linear low density polyethylene
- 3 MBP3 melt blown activated filter
- 4 Black Polystyrene filter lid (back plate)
- 5 Black Polystyrene valve seat
- 6 Rubber valve piece

**Marking:**

Each cartridge is marked as indicated below:



**Disposal:**

All industrial waste should be disposed of correctly according to local regulations and good disposal practice. Respiratory protective devices should be disposed of considering the hazardous substance they were used for. Please consider recycling.

