

# TECHNICAL DATA SHEET & CERTIFICATE OF CONFORMITY



**Dromex**



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## DROMEX SINGLE PARTICULATE UNIFIT PRE-FILTER DHCS-P2PF

### Description:

These filter cartridges are designed to work with the DRO-AIR MIDI SINGLE HALF MASK DH-101 and in conjunction with the Unifit filters (DHCS) as described below.

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

### Specifications:

Breathing Resistance:	@30 l/min	>0.70 mbar
	@95 l/min	>2.40 mbar
Filter Penetration	@95 l/min	>6% NaCl
	@95 l/min	>6% CnHm
Filter Efficiency		>94%
Assigned Protection Factor		10

The class of the combined filters will be as per below.

WITHOUT P2PF		WITH P2PF	
STYLE	CLASS	STYLE	CLASS
DHCS-A1	A1	P2PF+DHCT-A1	A1P2
DHCS-B1	B1	P2PF+DHCT-B1	B1P2
DHCS-K1	K1	P2PF+DHCT-K1	K1P2

EN143:2000



### 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 filters EN 143:2000. NRCS Type approval No.: AZ 2011/49. CE EN approval as per BSI 0086, Type Examination No. 69552 – UNIFIT particulate pre-filter as per approval from Inspec. Testing in accordance with EN143:2000 as per test report 95.07.30 for EN143:2000 SINGLE P2 (PRE FILTER).

**NRCS APPROVAL AZ2011/49**

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

### Packaging, Storage & Obsolescence:

Each Single filter cartridge is shrink wrapped to prevent contamination. The filters are packed two per retail pack and 70 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).



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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 SINGLE FILTER CARTRIDGE is for use with SINGLE filter masks only.

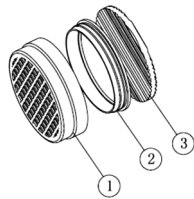
DO NOT USE TWIN CARTRIDGES WITH SINGLE MASKS.

### Changing filter cartridge:

Remove pre-filter assembly from the filter cartridge. Unclip the pre filter from the housing and replace with another pre filter into the housing ensuring that it has clipped in.

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

### Materials:



- 1 White Polypropylene filter housing
- 2 White Linear low density polyethylene
- 3 MBP2 met blow activated filter

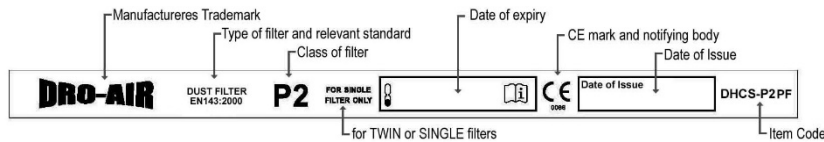
### Marking:

Each cartridge is marked as indicated below:

The individual replacement filters



The filter housing



### 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.

