

Dromex



FULL FACE MASK RESPIRATOR DH FFM



DHFFM

Description

The Dromex® DHFFM full face mask provides the user with unparalleled vision, comfort and reliability protecting against hazardous vapours, gases and particulates, provided there is sufficient oxygen present in the contaminated atmosphere.

The Dromex® full face mask utilizes the Dromex® twin uni-fit cartridges and pre-filters only.

Special Instructions

All respiratory selections should be read in conjunction with BS EN 529:2005 "Respiratory Protective devices – Recommendations 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 concentrations exceed levels fixed by the applicable health and safety regulations or protection factor 40 NPF whichever is lower.
- Gases and/or vapours are present except for respirators designated as protecting against vapours, in which case vapour concentrations should not exceed 20 NPF.
- The requirement for leak tightness is unlikely to be achieved if worn against a beard or facial stubble.
- Do not wear standard eye glasses with a full-face respirator
- 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.
- Do not modify or alter this device.

Compliance & Conformity

NRCS Homologated to SANS 50136:1998 CL1 as required by the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993).
EN136:2008 approved: Respiratory protective devices full face masks — Requirements, testing, marking quality system as per ISO9001:2008.

Specifications

Type:	Class1 full face masks for light duty use
Material:	Thermo Plastic Elastomer/Rubber
Colour:	Black
Harness:	5-point comfort harness with 2 grip holes for easier fitting on and removing with gloves and accommodation of women's hair (ability to wear a pony tail). Withstands a pull of up to 15KG or 150N
Visor:	Polycarbonate anti-fog and impact resistant with peripheral optical vision of 220 degree's (110 on the left and right). The natural field of vision is greater than the 70% specified of EN136:2008 standards.
One size mask body:	Accommodates small to large facial size's
Temperature:	Designed to withstand temperatures of up to $70 \pm 3^\circ$ Light weight dual filter cartridge system evenly distributes weight of mask and cartridges on the face.

Packaging, Storage & Obsolescence

DHFFM - Packed individually sealed in cardboard box, 10 masks per carton for shipping.

When not in use, store the full-face mask with filters in the Dromex® full face mask storage bag that can be worn on the operator's waist. Store in a cool dry place, away from direct sunlight at temperature between -20°C and $+40^\circ\text{C}$ and where relative humidity is less than 75% and away from sources of possible contamination and physical damage.



Cleaning & Maintenance

- Remove cartridge filters from connectors and all inhalation and exhalations valves.
- Clean / disinfect the face piece and components with a damp cloth, using lukewarm with all-purpose detergent (neutral, pH 6-8, e.g.: washing-up liquid), warm soapy water or cleaning solution not exceeding 30 degrees.
- Do not immerse the product in water or use abrasive cleaners.
- Do not use solvents (e.g alcohol, acetone, turpentine), hot water, strong detergents, bleaches or petroleum based products to clean any part of masks.
- Dry in air at room temperature.
- Replace all components after cleaning and inspect for visible damage.

Shelf life

5 years, with correct maintenance and storage procedures. Discard immediately if mask is damaged and tears are visible.

Materials

None of the materials used in the manufacture are known to adversely affect the hygiene or health.

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.

Fitting your Full Face Mask

- Visually inspect the mask for any tears or damage, ensuring all components is in place and secure.
- Connect filtering cartridges to face piece



- Fully extend all head straps prior use.



- Centre the face mask onto your face by placing your chin and nose in the chin and nose cup simultaneously whilst placing the extended harness over your head
- Adjust harness straps, by first pulling the neck straps, towards the shape of your head followed by temple straps and head strap
- Never pull harness straps away from the shape of your head as harness straps can result in damage, rendering mask un-usable.



- Once tighten securely, conduct negative and positive pressure seal checks of the masks

Mask leak tests

Negative pressure:

- Cover inhalation filters with the palm of your hand, inhale and hold your breath for 5 seconds.
- The facepiece will collapse and remain collapsed against the face.
- Remove hand and breathe normally.
- If the facepiece did not remain collapsed during the test, or any leakage is noticed, readjust straps and perform Negative Pressure Seal Test again.



Positive pressure check:

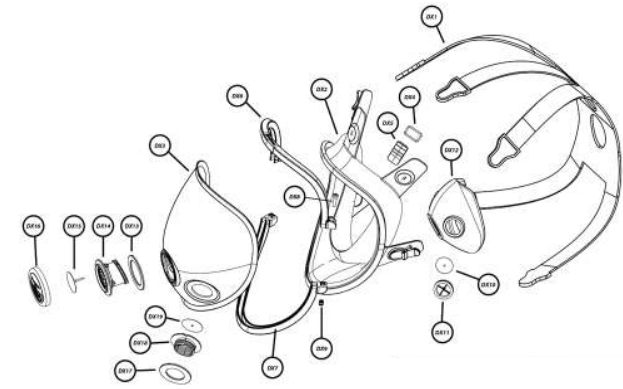
- Place palm of your hand over the exhalation valve and exhale.
- The face piece should not leak around the face seal
- Maintain positive pressure for at least 5 seconds
- a) If no outward leakage is detected, the test has been passed.
- b) If leakage is detected (usually felt as a cool sensation against the skin or as a loss of pressure hold), either the respirator is malfunctioning or a gross leak exists between the face and face piece



Removal of your mask

- Push harness buckles forward to loosen and fully extend the harness straps.
- Insert thumbs under the bottom harness strap to pull face mask up and away from face.

Materials



No.	DESCRIPTION	NO.	DESCRIPTION.
DX1	Harness	DX11	Face cup valve support-side valve
DX2	Full face sealing	DX12	Mask body
DX3	Clear visor	DX13	Valve seal ring-front
DX4	Metal buckle	DX14	Exhalation valve support front
DX5	Adjustable clip	DX15	Exhalation valve diaphragm
DX6	Full mask frame-top	DX16	Exhalation valve cover-front
DX7	Full mask frame-base	DX17	Valve seal ring-side
DX8	M4 stainless steel support-side valve	DX18	Inhalation valve support-side valve
DX9	M4 copper nut	DX19	Inhalation valve diaphragm
DX10	Inhalation valve		

Marking

Each mask is marked as indicated below:

DH-FFM DX-02
S~L
DX-06
EN 136:1998 CL1

