

# Dromex



## DROMEX DISPOSABLE DUST MASK

### 3231 dust mask



3231

#### Description

Dromex® 3231 adjustable flat fold dust mask is suitable for 8-hour use against solid and water based liquid aerosols protecting the user from inhaling dangerous particulates in high dust areas when used in the mining, asbestos, agriculture, construction and general material handling industries.

Dromex® 3231 disposable dust mask, features the following:

- Dual adjustable headband straps on cheeks allowing optimum fit.
- A non-metal adjustable nose clip for ease of moulding onto nose.
- Polypropylene synthetic material preventing allergies.
- Lightweight and comfortable to use in humid environments.

The pre-filter scrim protects the mask body from dirt and clogging making this mask the ideal solution for prolonged user comfort.

#### Special Instructions

These respirators do not supply oxygen. DO NOT use in oxygen deficient atmospheres (e.g. tanks or other poorly ventilated areas). 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 dust mask should be discarded and replaced with a new one if:

- The respirator is removed while in a contaminated area.
- Excessive clogging of the respirator causes breathing difficulty or discomfort.
- The respirator becomes damaged.

All respiratory equipment 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 an area where:

- The Oxygen concentration is not known or is less than 19%.
- 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 factors x NPF, whichever is lower (Nominal protection factors: 4.5 for FFP1, 12.5 for FFP2 and, 50 for FFP3).
- Gases and/or vapours are present except for respirators designated as protecting against vapours, in which case vapour concentrations should not exceed 4.5 NPF.
- The requirement for leak tightness is unlikely to be achieved if worn against a beard or facial stubble.
- Do not use in explosive atmospheres.
- Not to be used for firefighting.

When transporting this product, retain in its original packaging and keep away from mechanical and chemical hazards.

None of the materials or processes used in the manufacture of these products are known to be harmful to the wearer. The manufacturer has examined under the system for ensuring quality of production by means of monitoring and inspection. These disposable dust half masks are designed to accommodate the basic safety requirements and standards for Personal Protective Equipment.

The information contained herein is intended to assist the wearer in the selection of personal protective equipment.

Actual conditions of use cannot be directly simulated in a test environment therefore it is the responsibility of the user and not the manufacturer or supplier to determine the disposable dust, half mask suitability for the intended use.

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#### 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).

Particle filtering half mask EN 149: 200 + A 1:2009 FFP3 NR D, NRCS Type Approval No.: NRCS/8072/0169. CE EN approval as per BSI 0086,

Type Examination No. 80037 – FFP2 Class and Type Examination No. 59868 FFP3NRD. BSI Product Services test report 255/7698508 have passed all requirements of CE EN 149:2001+ A1:2009 for FFP3 NR D.

Dolomite tested as per BSI test 255/7698508, FFP3 NR D and BSI EC certificate CE 725172 for disposable mask EN 149:2001+ A1:2009, FFP3NR D.

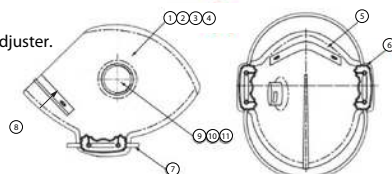
Quality System as per ISO 9001:2008 certificate HK01/00703 as issued by SGS, UKAS approval number 005.

#### Specifications

Tested for Solid and Liquid aerosols

Class:	FFP3 NR D
Protection Factor (NPF):	50,0 x OEL
Assigned Protection Factor (APF):	20 x APF
Exhalation Valve:	<3.0 mbar
Particulate size distribution:	0.6 µm (MMD) & 0.4 µm (SD)
Total Inward Leakage:	< 2%
Penetration:	< 1%
CO2 content of inhalation:	< 1%
Filtering Efficiency:	99%
Dolomite Tested:	DRB 4/15 dolomite @ 7mBar for 95 l/min
Materials:	

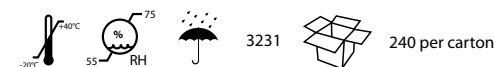
1. Polypropylene spun bond scrim.
2. P3 Melt Blown Filter.
3. Polyester fabric.
4. Polypropylene spun bond scrim.
5. White plastic coated nose bridge adjuster.
6. HDPE head band adjuster.
7. Elastic head band.
8. Foam Nose comfort strip.
9. Polypropylene valve cover.
10. Polypropylene valve cover.
11. TPR valve diaphragm.



#### Packaging, Storage & Obsolescence

3231 - Packed as 12 masks in individually sealed plastic packets in a box and 240 masks in a carton for shipping. These masks are NRCS homologated for boxes of 12.

Keep unused respirators in their closed box and store in a dry non-contaminated area between -20 degrees and + 40 degrees Celsius.



#### Cleaning & Maintenance

This is a disposable item therefore cleaning and maintenance is not required.

#### Shelf life

3 years. The expiry date of each item is indicated on box packaging.

#### Marking

Each mask is marked as indicated below:



3231 FFP3 NR D

EN 149:2009

CE 2797

#### FITTING INSTRUCTIONS

Hold the respirator in one hand with the nosepiece at your fingertips, allowing the headbands to hang below your hand.

Press the respirator against your face with the nosepiece on the bridge of your nose.

Place the top band high on the back of your head. Move the bottom band over your head and position it below your ears.

Using both hands, mould the nosepiece to the shape of your nose.

Test fit. Cup both hands over the respirator and exhale vigorously. If air flows around your nose, tighten the nosepiece.

If air leaks around the edges, reposition the straps for a better fit.

#### 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 substances they were used for. Please consider recycling.

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