

# TECHNICAL DATA SHEET & CERTIFICATE OF CONFORMITY



**Dromex**

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## DROMEX 1000 DISPOSABLE MOULDED RESPIRATOR DroAir 1231

**1231-FFP3 NR**

**EN149:2001+A1:2009**

### Description:

All the DRO-AIR 1000 series masks are suitable for use against solid & water based liquid aerosols and comply with the requirements of the PPE directive 89/686/EEC. These 1000 series disposable masks are designed for comfort and performance during the complete 8hour design period and beyond. The pre-filter scrim protects the mask body from dirt and clogging.

### Specifications:

Tested for Solid and Liquid aerosols

Class:	FFP3 NR D
Protection Factor (NPF):	50 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%

### 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 EN149:2001+A1:2009 FFP3 V. NRCS Type Approval No.: AZ 2004/15. CE EN approval as per BSI 0086, Type Examination No. 80037 – FFP3 Class and Type Examination No. 59868 FFP3D. BSI Product Services test report 255/4508668/3of4 have passed all requirements of CE EN 149:2001+A1:2009 for FFP3 NR (V).

Dolomite tested as per BSI test 255/7474969/2of8, FFP3D and BSI EC certificate CE59863 for disposable mask EN149:2001+A1:2009, FFP3 NR D.

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

### Packaging, Storage & Obsolescence:

1231 - Packed 5 masks in a sealed plastic packet in a box and 20 boxes in a carton for shipping. The masks are NRCS homologated for boxes of 5.

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



### Cleaning & Maintenance:

This is a disposable item so no cleaning nor maintenance is required.

### Special Instructions:

All respiratory selection 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 50 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 50 NPF.

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



**CE 0086**

**NRCS APPROVAL AZ2004/15**



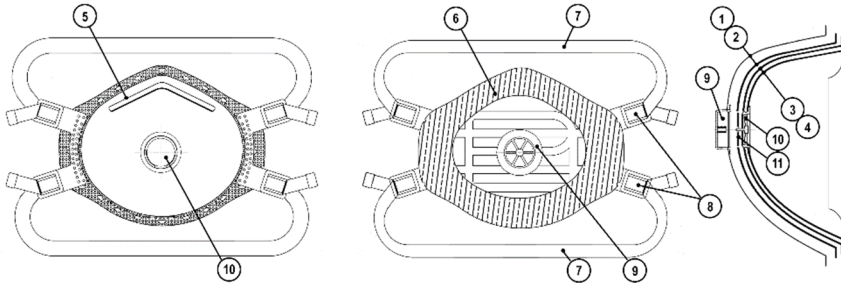
**Dromex**

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.

**Materials:**



- 1 23gsm Spun bond polypropylene scrim.
- 2 110gsm Polyester fabric.
- 3 P3 Melt Blown filter medium.
- 4 150gsm Polyester non itch mask body.
- 5 Orange plastic coated nose bridge adjuster.
- 6 Contour Seal
- 7 Elastic head bands.
- 8 Polypropylene adjuster.
- 9 Polypropylene valve seat.
- 10 Polypropylene valve cover.
- 11 TPR valve diaphragm.

**Marking:**

Each cartridge is marked as indicated below:

1231

**DRO-AIR**

**1231-FFP3 NR**

EN149:2001+A1:2009

CE 0086

**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.

