

Nose Padding

Melt Blown Fabric

FFP2 NR D Disposable Welding Respirator with Headband and Exhalation Valve

SKU: RFH32+OV

Key Features

- Shields against welding fumes, smoke, and organic vapours.
- Flame-retardant outer with activated carbon pre-filter.
- Ultrasonically sealed nose clip and adjustable headband.
- Ergonomic design contours to face with full coverage.
- Offers smooth breathing with >98% filtration efficiency.

Certification:

EN 149:2001+A1:2009, IS 9473:2002

Description

The KARAM RFH32+OV is a specialized disposable respirator designed for welding and hot-work environments. It features a flame-retardant outer layer, an activated carbon filter for organic vapor protection, and >98% filtration efficiency. The soft, adjustable headband ensures a snug fit, while the padded, reinforced nose clip minimizes leakage. One-way ventilation reduces heat and CO_2 buildup during intense physical activity. Its ultrasonically sealed construction adds strength and comfort across full-shift use. Ideal for torch cutting, soldering, and brazing, RFH32+OV is a go-to mask for professionals demanding safety, breathability, and superior particle resistance.

Warranty: 1 year from the date of invoice against any manufacturing defects.

Ideal for use



Construction



Welding Industries

Download Specifications

Performance Requirements Tested as Per Various

Clauses of EN 149:2001+A1:2009, IS 9473:2002

Vital Test	Requirement as per Standard	KARAM Respirator
Particulate Filtering Efficiency	Requirement as per standard- 94%	Exceeds 98%
Breathing Resistance	• Inhalation Flow- 30 l/min: Should be less than 0.7 mbar • Inhalation Flow- 95 l/min: Should be less than 2.4 mbar • Exhalation Flow- 160 l/min: Should be less than 3.0 mbar	• 0.5 mbar • 2.1 mbar • 2.6 mbar
Total Inward Leakage	• The arithmetic mean of the total inward leakage of at least 8 out of 10 subjects should not be greater than 8% • The total inward leakage of all 50 subjects against the requirement of atleast 46 subjects should not be greater than 11%	• 5.0% • 6.0%
CO_2 Content of Inhalation Air	Carbon dioxide content of the inhalation air (dead space) should not exceed an average of 1% (by vol.)	< 0.6%
Flammability	The face respirator when subject to pass the flame once at the specified speed should not continue to burn after removal of flame	KARAM Respirator does not continue to burn after removal of flame
Bacterial Filtering Efficiency	Bacterial filtering efficiency should be >90%	> 98%