



Water Repellent



Sweat
Absorbent



Fully Sterilized



Exhalation Valve



Adjuster



Nose paddin



FFP1 SL NR D Disposable Face Respirator with Nose Padding, Headbands having Adjuster and Exhalation Valve

SKU: RFH11+

Key Features

Efficient multi-layer filtration with exhalation valve.

Soft, breathable material for extended use.

Moisture-wicking inner layer.

Adjustable headband for custom fit.

Padded nose bridge for added comfort.

Certification:

EN 149:2001+A1:2009, ISI 9473:2002 CM/L-8300137209



Description

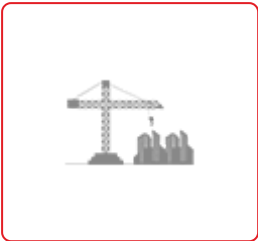
The RFH11+ combines advanced protection with breathing ease. Featuring an exhalation valve, soft nose padding, and adjustable headbands, this respirator ensures user comfort while blocking airborne threats. The valve facilitates one-way ventilation, reducing heat and moisture buildup inside the mask. Suitable for up to 12 hours of usage, it is designed for intense environments like welding, construction, and heavy manufacturing. The RFH11+ offers effective particulate filtration and ergonomic support, helping professionals stay safe, cool, and focused throughout long shifts.

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

Ideal for use



Painting



Construction



Maintenance



Agriculture



Pharmaceuticals



Drilling



Mining and
Quarrying



Petrochemical



Textile



Wood
Industries

Performance Requirements Tested as Per Various

Vital Test	Requirement as per Standard	KARAM Respirator
Particulate Filtering Efficiency (Clause 5.4.2 of IS 9473:2002 and EN 149:2001+A1:2009)	Requirement as per standard- 80%	Exceeds 90%
Breathing Resistance (Clause 5.11 of IS 9473:2002 and EN 149:2001+A1:2009)	<ul style="list-style-type: none"> Inhalation Flow- 30 l/min: Should be less than 0.6 mbar Inhalation Flow- 95 l/min: Should be less than 2.1 mbar Exhalation Flow- 160 l/min: Should be less than 3.0 mbar 	<ul style="list-style-type: none"> 0.4 mbar 1.2 mbar 1.2 mbar
Total Inward Leakage (Clause 5.4.1 of IS 9473:2002 and EN 149:2001+A1:2009)	<ul style="list-style-type: none"> The arithmetic mean of the total inward leakage of at least 8 out of 10 subjects should not be greater than 22% The arithmetic mean of the total inward leakage of at least 46 subjects should not be greater than 25% 	<ul style="list-style-type: none"> 2.78% 3.58%
CO ₂ Content of Inhalation Air (Clause 5.7 of IS 9473:2002 and EN 149:2001+A1:2009)	Carbon dioxide content of the inhalation air (dead space) should not exceed an average of 1% (by vol.)	< 0.4%
Flammability (Clause 5.6 of IS 9473:2002 and EN 149:2001+A1:2009)	The face mask 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%	> 90%
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