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## DISPOSABLE KARAM MASK RFH 01



Certified to EN 149:2001 + A1:2009

**Description:** FFP1 SL NR disposable Mask with comfortable headband designed to filter air contaminants, viruses, bacterial micro-organisms, dust, pollen and smoke. Allows the user to breathe easy and germ free.

**Application:** Usage upto 12 hours (cumulative) in different industries and also ideal for wearing during daily activities. Industries include Agriculture, Construction, Ceramics, Textiles, Pharmaceuticals, Food and Beverages etc.

1	DESIGN		<ul style="list-style-type: none"> <li>Wide coverage over the face.</li> <li>Allows up to 20% more volume than other masks to relieve the user from any feeling of claustrophobia.</li> <li>Minimizes breathing difficulties and speaking discomfort.</li> <li>Comes with a catchy zig-zag pattern on the edge</li> </ul>
2	MATERIAL		Non-woven Polypropylene soft fabric designed to filter air contaminants, viruses and bacterial micro-organisms.
3	LAYERS	SPECIFICATIONS	Multi-layered that ensures excellent filtration.
		OUTER LAYER	Water-repellent material made of non-woven Polypropylene. Does not soak water easily when exposed to external moisture.
		SECOND LAYER	Pre-filtering material made of non-woven polypropylene to primarily protect the next particulate filtering layers.
		THIRD LAYER	Single layer of non-woven polypropylene having filtering efficiency of more than 85% against the requirement of not less than 80% as per EN 149:2001 + A1:2009

		INNER LAYER	Made of hypoallergenic, sweat absorbent Polypropylene non-woven material, hence does not allow sweat to build up.
4	ELASTIC HEADBAND		<ul style="list-style-type: none"> <li>• 5mm soft and flat elasticated Head Band (+/-0.2mm).</li> <li>• Hypoallergenic elasticated material that is latex-free and sweat absorbent.</li> <li>• One size fits all</li> <li>• Relaxed elastic length for full back head coverage</li> <li>• Easy to wear for extended hours without creating pressure on the ears</li> </ul>
5	NOSE CLIP		Internally bonded nose-clip which is not exposed. Pliable yet firm and takes up the shape of the nose bridge, so as to rest on the nose comfortably. Made of thermoplastic material with a metallic reinforcement inside.
6	SEALING	EDGE SEALING	Ultrasonically sealed edges
		NOSE CLIP SEALING	Ultrasonically sealed Nose-clip that does not get displaced from its position.
		EAR LOOP SEALING	Ultrasonically sealed
7	ADJUSTABILITY		Universal size
8	VITAL TEST COMPLIANCE	PARTICULATE FILTERING EFFICIENCY (WHEN TESTED AS PER CLAUSE 7.9.2 OF EN 149:2001 +A1:2009)	Exceeds 85% when tested as per EN standard as against the requirement of not less than 80%
		BREATHING RESISTANCE (WHEN TESTED AS PER CLAUSE 7.16 OF EN 149:2001 +A1:2009)	Inhalation Flow- 30 l/min : Less than 0.5mbar as against the requirement of less than 0.6 mbar Inhalation Flow- 95 l/min: Less than 1.95 mbar as against the requirement of less than 2.1 mbar  Exhalation Flow- 160 l/min: Less than 2.5 mbar as against the requirement of less than 3.0 mbar
		TOTAL INWARD LEAKAGE (WHEN TESTED AS PER CLAUSE 7.9.1 OF EN 149:2001 +A1:2009)	The arithmetic mean of the Total Inward Leakage of all 10 Subjects found is less than 15% as against the requirement of arithmetic mean of at least 8 subjects to be less than 22%  The arithmetic mean of the Total Inward Leakage of at least 46 Subjects found is less than 20% as against the requirement of less than 25%

		CO <sub>2</sub> CONTENT OF INHALATION AIR (WHEN TESTED AS PER CLAUSE 7.12 OF EN 149:2001 +A1:2009)	Carbon dioxide content of the inhalation air (dead space) is not less than 0.7% (by volume).
		FLAMMABILITY (WHEN TESTED AS PER CLAUSE 7.11 OF EN 149:2001 +A1:2009)	RFH01 when subjected to pass the flame once at the specified speed does not continue to burn after removal of flame.
		BACTERIAL FILTERING EFFICIENCY	Bacterial Filtering Efficiency greater than 90%
9	DISPOSAL	GENERAL HOUSEHOLD	<ul style="list-style-type: none"> <li>• Tear the Mask completely or break atleast one of the headbands by pulling it apart so that it cannot be reused.</li> <li>• Discard in a separate covered bin.</li> <li>• Keep the bin for at least 72 hours.</li> <li>• Give away the bin contents to a recycler.</li> </ul>
		MEDICAL STAFF	Follow hospital waste management procedures.