

SARI FULL FACE MASK

DESCRIPTION

Sari Full face mask features a faceblank with wide sealing edge, inner mask with 2 steering valves, 5-point adjustable rubber harness with quick release buckles, speech diaphragm, panoramic visor, PVC neck strap. Sari can be used with a filter (Pro2000), with the Autoflow and Proflow powered filtering device and as a face piece of a compressed airline apparatus (Kesaf). The faceblank and inner mask is available in natural rubber. The visor is available in 4 material choices; polycarbonate, polyamide, polyamide HT and Triplex.



Test results (BGIA). Tested to EN 136. Class 3.

CE-certificate 961179 BGIA

Test	Sari full face mask	EN 136 requirement
1. Breathing resistance		
1.1. Inhalation		
1.1.1.30 l/min	≤ 0.2 mbar	max 0.5 mbar
1.1.2. 95 l/min	≤ 1.1 mbar	max 1.5 mbar
1.2. Exhalation	1.2 mbar	max 3.0 mbar
2. CO ₂ - content inside the mask	0.8 %	max 1.0 %
3. Inward leakage	≤ 0.03 % (average)	max 0.05 %
4. Field of vision		
4.1. Effective	77 %	min 70 %
4.2. Overlapped	84 %	min 80 %

Protection factors

Combination	Maximum use of concentrations as multiple of exposure limit ¹⁾	Assigned protection factor. BS 4275 ²⁾	Nominal protection factor ³⁾
Full face mask and particle filter P3	400 x O.E.L	40	1000
Full face mask and gas filter class 2	400 x O.E.L	20	2000
Power-assisted FFM TM3	500 x O.E.L.	40	2000
Compressed air line FFM	1000 x O.E.L.	100	2000

¹⁾ BGR 190 "Benutzung von Atemschutzgeräten". HVBG. April 2004. Germany.

²⁾ BS4275 "Respiratory protective equipment at work" HSE 2005. UK.

³⁾ Respiratory protective devices - Recommendations for selection, use, care and maintenance. EN 529 2005.

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Materials

Faceblank	<ul style="list-style-type: none"> Natural rubber (NR)
Inner mask	<ul style="list-style-type: none"> Natural rubber (NR)
Valves	<ul style="list-style-type: none"> NR
Visor options	<ul style="list-style-type: none"> Polycarbonate PC Polyamide (PA) Polyamide HT (high temperature) Triplex glass
Visor frame	PBT reinforced (thermoplastic polyester)
Connector	PBT reinforced (thermoplastic polyester)
Connector spanner	Stainless steel (Ligarex band)
Neck band	PVC
Buckles	Metal, plated brass

Faceblank material properties

Substance/Feature	Sari NR, Natural rubber
Weight, g	560
Chemical resistance	
Lye, 10 %	+++
Sulphuric acid, 1%	++
Carbon tetrachloride	-
Acetone	++
White spirit	-
Trichlorethylene	-
Benzene	-
Methanol	+++
Isopropanol	+++
Ozone	-
Weather resistance	+
Resistance to skin chemicals	+
Mechanical strength:	
<ul style="list-style-type: none"> new mask 	+++
<ul style="list-style-type: none"> aged mask 	-
Heat resistance °C	+100
Cold resistance °C	-40
Allergic response properties	++

+++ excellent
 ++ good
 + adequate
 - poor

Weight comparison (filter weights can vary)

Material	Weight without filter	Weight with PF10 filter	Weight with CF22A2-P3 filter	Weight with CF32 A2B2E2K2-P3 filter
Natural rubber	560 g	635 g	790 g	930 g