

BF1000 Flame Retardant Silicone Sponge Sheet 915mm x 6.4mm

Product SKU: 3044011

Extra-soft density fire retardant silicone sponge sheet.



Colour: White

Material: Silicone

Operating temperature range: -55°C to 200°C

EN 45545 HL2 (R22 & R23), GENERAL MOTORS GMW16392 Type 1, CHRYSLER MS-AY-556 Table 1 Low Density, UL94 V-0 HF-1, BMS 1-68, AIMS 04-14-002, ASTM E 162, ASTM E 662 and SMP-800C.

Physical Property	Test Method	Units	Typical Values
Hardness	ASTM D412	ShA	
Elongation at Break	ASTM D412	%	90
Tensile Strength	ASTM D412	MPa	0.241
Tear Resistance	ASTM D412	kN/m	
Compression Set ASTM D 1056 Test D @ 70°C		%	<1
Flame Resistance	UL 94		Listed V-0 and HF-1
Flame Spread Index	ASTM E162	Ls	<35
Smoke Density @ 4 Minutes	ASTM E 662	Ds	<50
Toxic Gas Emissions Rating	SMP-800C		Pass
Water Absorption	Internal: 24hrs @ room temp	%	3.5
UV Resistance	SAE J - 1960		No Degradation
Ozone Effect Rating	ASTM D 1171		No Cracks
Corrosion Resistance	AMS - 3568		Pass
Dielectric Constant	ASTM D 150		1.34
Dialectric Strenght	ASTM D 149	Volts/mil	89
Dry Arc Resistance	ASTMD 485	Seconds	90
Volume Resistivity	ASTM D 257	Ohm-cm	10 ¹⁴
Thermal Conductivity	ASTM C 518	w/m°K	0.06

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