

Technical Data Sheet

Foam | Neoprene | 1201

Our 1201 neoprene material is a 8 – 15 PCF / 128 – 240 kg/m³ black closed cell foam listed to UL 50 JMST2. This foam is a SBE41/SC1 grade, which is an excellent choice for sealing NEMA 250 rated enclosures. This foam is also used in other electrical sealing and general gasket applications requiring protection from foreign materials and water. 1201 has a temperature range of -40 F to 200 F. It has a Fluid Immersion rating of 250% and a Resilience rating of 50. It also has good Ozone resistance and a Rebound Average of 40-50%.

Item	Specs		Test Method
Grade	SBE41 2C1 B2, C1, F1, M Type II, B, Soft/ Soft-medium		ASTM D 1056-68 ASTM D1056-14/SAE J18 Suffix ASTM D 6576-13 (Mil R 6130)
Density (PCF) (kg/m ³)	8 – 15 PCF 128 – 240 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	4.5 – 7.5 psi 31 – 51.7 kPa		ASTM D1056
Shore Hardness OO (Durometer)	30 – 50 OO		
Compression Set % @50%	25% max		ASTM D 1056
Tensile Strength (psi)(kPa)	80 psi min 551 kPa		ASTM D412
Elongation (%)	200		ASTM D412
Tear Strength Resistance (ppi)	215		ASTM D 624
Water Absorption by Weight (%)(lb/ft ²)	5% wt, max 0.1 lb/ft		ASTM D 1056 ASTM D 1667
Accelerated Age Testing: 7 days @ 158°F Change in CFD %	10% max		ASTM C 534
Service Temperature (°F)(°C)	°F	°C	ASTM D 1056
Low	-40	-40	
High Continuous High intermittent	200	93	
Flame Resistance	Pass		FMVSS302
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	FMVSS302 UL 50 JMST2		

REV. 005

REV. DATE: 09/30/18

ISO 9001:2015 • ISO/IEC 17025:2017

Jacobs & Thompson cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of the information or the safety and suitability of our products, either alone or in combination with other products. Unless otherwise agreed in writing, we sell the products without warranty and users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purpose.

Head Office: 89 Kenhar Drive,
Ontario M9L 2R3
Tel: (416) 749-0600
info@foamparts.com
FoamParts.com