

Technical Data Sheet

Foam | Neoprene / EPT / SBR Blend | 1222

Our 1222 is a 9 PCF / 144 kg/m³ neoprene blend, used for a wide variety of general gasket applications. 1222 is a 2A1 grade of foam with a service temperature range of - 40 °F to 200 °F (high continuous use) or 250 °F (high intermittent use). It has an Ozone Resistance rating of “O” and a Thermal Conductivity of 0.38 K Factor.

Item	Specs		Test Method
Grade	2A1		ASTM D 1056-00
Density (PCF) (kg/m ³)	7 - 11 PCF 112 – 176 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	2 – 5 psi 13.7 – 34.4 kPa		ASTM D1056
Shore Hardness OO (Durometer)	40 - 50		ASTM D 2240
Compression Set %	20 – 30		ASTM D 1056
Tensile Strength (psi)(kPa)	100 psi 689 kPa		ASTM D412 Die A
Elongation (%)	150		ASTM D412 Die A
Tear Strength Resistance (ppi)	16		ASTM D 624 Die C
Water Absorption by Weight %	< 5		ASTM D 1056
Accelerated Age Testing: 7 Days @ 158 °F Change in CFD	± 30%		ASTM D1056
Service Temperature (°F)(°C)	°F	°C	
Low	-40	-40	
High Continuous	200	93	
High intermittent	250	121	
Flame Resistance	Pass Pass		FMVSS302 UL94 HF-1
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	FMVSS302 UL94 HF-1		

REV. 003
 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