

### Technical Data Sheet

#### Foam | Neoprene / EPDM / SBR Blend | 1290

Our 1290 neoprene blend foam has a density of 10 – 14 PCF / 160 – 224 kg/m<sup>3</sup> and is sold into most industries we serve. This foam is used in a wide variety of tape, sealing and gasket applications. Our 1290 is a 2A5 grade of foam with a service temperature range of - 40°F to 200 °F (high continuous use) or 250 °F (high intermittent use).

Item	Specs		Test Method
Grade	2A5		
Density (PCF) (kg/m <sup>3</sup> )	10 - 14 PCF 160 – 224 kg/m <sup>3</sup>		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	17 – 25 psi 117 – 172 kPa		ASTM D1056
Shore Hardness OO (Durometer)	65 - 75		ASTM D 2240
Compression Set %	≤ 25		ASTM D 1056
Tensile Strength (psi)(kPa)	150 psi 1034 kPa		ASTM D412 Die A
Elongation (%)	125		ASTM D412 Die A
Tear Strength Resistance (ppi)	35		ASTM D 624 (Die C)
Water Absorption by Weight %	5 max		ASTM D 1056
Accelerated Age Testing: 7 Days @ 158 °F Change in CFD	± 30% max		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
<b>Industry and OEM Specifications:</b> Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	MS Z-75 J18 2A5 ASTM D1056-14 2A5 SAE J18 APR2002 2A5 GMW15473 Class I Type VI GMW17408 Class I Type V ESB M9 P1-A WSKM2D419-A Type 6 TSM 1501 G 2A5		

REV. 008

REV. DATE: 09/30/18

ISO 9001:2015 • ISO/IEC 17025:2017

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