

### Technical Data Sheet

#### Foam | EPDM | VS165-S

Our VS165-S is a very soft EPDM foam with a density of 7.8 – 12.2 PCF / 125 - 195 kg/m<sup>3</sup>. Our VS165-S is a 1A0 grade. This material has good UV resistance capabilities and a service temperature range of -40 F to 248 °F / -40 to 120°C.

Item	Specs		Test Method
Grade	1A0		ASTM D1056-00
Density (PCF) (kg/m <sup>3</sup> )	7.8 – 12.2 125 – 195		ASTM D1056
Compression Deflection (CFD) (psi) (kPa) @25%	0.15 – 1.5 1 – 10		ASTM D1056
Shore Hardness OO (Durometer)			
Compression Set (%) @50%	≤ 15		ASTM D1056
Tensile Strength (psi)(kPa)			ASTM D 412, Die A
Elongation (%)	≥ 150		
Tear Strength Resistance (ppi)	≥ 2.85		
Water Absorption by Weight (%)			ASTM D1056
Accelerated Age Testing:			
Service Temperature (°F)(°C)	°F	°C	
Low	-40	-40	
High Continuous	248	120	
High intermittent	284	140	
Flame Resistance	Pass		FMVSS302
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	BMW S 603 00.0 A 890 EPDM 2 1 0.05 GMW 17408 Class I Type II PSA B65 4360 EPDM 14 X S2 01 7100X1 Renault 03-10-102 2 S 01 B1 C2		

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 ISO 9001:2015 • ISO/IEC 17025:2005

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