



**Worldwide Foam**  
A Jacobs & Thompson Company

**5440**

EPDM

This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

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Item	Specs		Test Method
Grade	2A2/RE42		ASTM D1056
Density (PCF) (kg/m <sup>3</sup> )	6.2 - 8.7 PCF 100 - 140 kg/m <sup>3</sup>		ISO 845-88 AS
Compression Deflection (CFD) (psi) (kPa) @25%	5 psi @25% 10 psi @50% 35 kPa @25% 70 kPa @50%		ASTM D 1056/85
Shore Hardness OO (Durometer)	45 - 55		ASTM D2240
Compression Set %	12% @ 25% 18% @ 50%		ASTM D395
Tensile Strength (psi)(kPa)	65.2 psi 450 kPa		ASTM D412
Elongation (%)	>150%		ASTM D412
Tear Strength Resistance (lb/in)	16		ASTM D624
Water Absorption by Weight %	0.13		ASTM D1056
Accelerated Age Testing: 7 Days @ 158 °F Change in CFD	<5%		ASTM D1204
Service Temperature (°F)(°C)	°F	°C	ASTM 3575
Low	-40	-40	
High	203	95	
High intermittent	266	130	
Flame Resistance	Pass		FMVSS-302-S4.3
<b>Industry and OEM Specifications:</b> Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	WSK-M2D-419-A Type 3 FMVSS 302 VW 50180 TSM 1501G 2A2		

The data on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.