

Technical Data Sheet

Foam | EPDM | 4315-E

4315-E is an EPDM foam with a density range of 12 – 20 PCF / 192 – 320 kg/m³. This material is used in automotive and general industrial applications. It comes in black and is a 2A3 grade of foam with a service temperature range of -90 °F to 275 °F. This product has excellent Ozone and UV resistance.

Item	Specs		Test Method
Grade	2A3 RE43 IIIA 2A3		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106 TSM1501G
Density (PCF) (kg/m ³)	12 – 20 PCF 192 – 320 kg/m ³		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	9 – 13 psi 62 – 89.6 kPa		ASTM D 1056
Shore Hardness OO (Durometer)	45 – 65		ASTM D 2240
Compression Set (%) @50%			
Tensile Strength (psi)(kPa)	70 psi 482 kPa		ASTM D 412
Elongation (%)	200		ASTM D 412
Tear Strength Resistance (ppi) (lb/in)			
Water Absorption by Weight (%)	5		ASTM D 1056
Accelerated Age Testing: Accelerated linear shrinkage (%)	5		
Service Temperature (°F)(°C)	°F	°C	
Low	-90	-67	
High Continuous			
High intermittent	275	135	
Flame Resistance	Pass		FMVSS 302
Industry and OEM Specifications: Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	SAE J18-02 2A3 GM 6086M IIIA GMN11106 IIIA TSM1501G 2A3 FMVSS302		

REV. 002

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