

### Technical Data Sheet

#### Foam | Nitrile | 4217-A

4217-A is a nitrile foam with a density range of 10 – 17 PCF / 160 – 272 kg/m<sup>3</sup>. This material is primarily used in automotive applications. It comes in black and is a 2B2 grade of foam with a service temperature range of -40 °F to 200 °F. It has fair Ozone resistance, and excellent UV resistance. It has a Fuel B Resistance of 50%.

Item	Specs		Test Method
Grade	2B2 SBE42 II		ASTM D1056 / SAE J18 ASTM D-1056-67 GM6086M/GMN11106
Density (PCF) (kg/m <sup>3</sup> )	10 – 17 PCF 160 – 272 kg/m <sup>3</sup>		ASTM D 1056
Compression Deflection (CFD) (psi) (kPa) @25%	5 – 9 psi 34.4 – 62 kPa		ASTM D1056
Shore Hardness OO (Durometer)	40 – 60		ASTM D 2240
Compression Set %			
Tensile Strength (psi)(kPa)	80 psi 551 kPa		ASTM D412
Elongation (%)	180		ASTM D412
Tear Strength Resistance (ppi)			
Water Absorption by Weight %	5		ASTM D 1056
Accelerated Age Testing: Accelerated linear shrinkage (%)	5		
Service Temperature (°F)(°C)	°F	°C	
Low	-40	-40	
High Continuous			
High intermittent	200	93	
Flame Resistance	Pass		FMVSS 302
<b>Industry and OEM Specifications:</b> Jacobs and Thompson Inc. certifies that the following product meets the required specifications;	SAE J18-02 2B2 GM 6086M II GMN11106 II FMVSS302		

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