

Neoprene Blend (EPDM /CR/ SBR)

Product Description

This blended material is a general use foam, commonly used in all purpose gasketing applications that require a closed cell material. It is widely found in gaskets used in the transportation, construction, HVAC and athletic industries, often with adhesive on one or both sides. The material has good sound and shock absorption, and superior insulation against heat and cold. Some common applications include: AC/ventilation gaskets and seals, electrical panel seals, air/dust/oil/water seals, weather stripping, medical equipment, lighting gaskets, noise/vibration pads, seals in fire and security systems, etc.

Physical Properties

	Units	Test Method	Test Results
Density	Kg/m ³	ASTM D 1056	112 - 176
	Lb/ft ³	ASTM D 1056	7 - 11
Hardness Durometer Shore 00		ASTM D 2240 ASTM D 1056	55 - 65
Compression Deflection (25%)	kPa psi	ASTM D 1056 ASTM D 1056	62 - 90 9 - 13
Tensile Strength	kPa psi	ASTM D 412 ASTM D 412	690 100
Tear Strength	kN/m lb/in	ASTM D 412	2.6 Typical 15.0 Typical
Elongation	%	ASTM D 1056	150 Minimum
Temperature Range			
Low	° F	ASTM D 746	-40°F
High Intermittent	° F	ASTM D 746	250°F
Accelerated Aging (7 days @70°C)			
Flexibility (180° bend without cracking)		ASTM D 1056	Pass
Appearance Change		ASTM D 1056	None
Change in Compression Deflection	%	ASTM D 1056	± 30
Combustion Characteristics: FMVSS-302 UL 94 - HF-1		Thickness 0.098" and higher 0.059" and higher	Pass Listed

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