

Specification Data Sheet

JM-G01

Description:

JM-G01 is high value general purpose sealing material. Designed with balanced properties, the material has very good crush resistance at high flange pressures and excellent sealing properties with oil, fuel, and water. The material is intended for a wide variety of applications, including automobiles, motorcycles, small engines, refrigeration, power generators, ship buildings, aftermarkets, The application temperature of the material is in the range of -40°C to 180°C.

Product Gauge: 0.3 – 1.5 mm

Specification Properties:

Property	Unit	Value	Test Method
Density	g/cm ³	≥ 1.2	ASTM F1315
Tensile Strength, AMD	MPa(Psi)	≥ 14.0	ASTM F152
Compressibility (34.5 MPa)	%	13.0 - 25	ASTM F36
Recovery	%	≥ 45	ASTM F36
Immersion: #903 Oil (150°C, 5hrs)			ASTM F146
Change in Thickness	%	20 (max)	
Change in Weight	%	30 (max)	
Change in Tensile	%	35 (max)	
Immersion: Fuel B (RT: 21-30 °C, 5hrs) 00			ASTM F146
Change in Thickness	%	20 (max)	
Change in Weight	%	30 (max)	

Remark: The description and performance data provided herein constitutes material specifications for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select a proper sealing product may result in either property damage or personal injury. For questions regarding specific applications, contact Junma Sealing Technology, Inc. for assistance.