

Product Specification Data Sheet

JM-701

Description:

JM-701 is a low-density asbestos-free sealing material. Its composition is made up of butyl rubber binder, cellulose fibers, and selected specialty fillers. This material has a much better crush resistance and bolt torque retention than ordinary cork rubber materials. The material is non-stick and easy to disassemble from flange surface. It is specifically designed for sealing applications of engine transmission oil pan, cylinder head cover, air filter, and sealing of parts with rough flange surface. Recommend for use include small engines, compressors, gasoline and diesel engines. The maximum operating temperature is 180°C.

Product Gauge: 0.3 – 1.8 mm

Specification Properties:

Property	Unit	Value	Test Method
Density	g/cm ³	≥ 0.6	ASTM F1315
Tensile Strength, AMD	MPa	≥ 2.5	ASTM F152
Compressibility (34.5 MPa)	%	≥ 25	ASTM F36
Recovery	%	≥ 35	ASTM F36
Immersion: #903 Oil (150°C, 5hrs)			ASTM F146
Tensile after immersion	MPa	≥ 1.0	
Change in Weight	%	≤ 45	
Change in Thickness	%	15 -35	
Immersion: Fuel B (21-30 °C, 5hrs)			ASTM F146
Change in weight	%	≥ 30	
Change in Thickness	%	15 - 35	

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.