

Product Specification Sheet

JM-E02

JM-E02 is a cost-effective asbestos-free sealing material. Its components include nitrile butadiene rubber binder, organic/inorganic blended fibers, and selected specialty inorganic fillers. This product is designed for sealing lubricants, fuels and water media. The operating temperature is in the range of -40°C to 180°C.

Product Gauge: 0.3 – 1.8mm

Specification Properties:

Property	Unit	Value	Test Method
Density	g/cm ³	≥ 1.0	ASTM F1315
Tensile Strength, AMD	MPa	≥ 5	ASTM F152
Compressibility (34.5 MPa)	%	8 - 20	ASTM F36
Recovery	%	≥ 40	ASTM F36
Fluid Immersion, IRM 903 Oil (150°C × 5h)			ASTM F146
Tensile Strength after immersion	MPa	≥ 3	
Change in Weight	%	≤ 30	
Change in Thickness	%	≤ 20	
Fluid Immersion, Fuel B (21-30 °C × 5h)			ASTM F146
Change in weight	%	≤ 30	
Change in Thickness	%	≤ 20	

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.