

# Product Specification Sheet

## JM-G02

JM-G02 is an asbestos-free sealing material with micro-porosity structure. Its composition is comprised of a nitrile butadiene rubber binder, organic/inorganic blended fibers, and nano-particle inorganic fillers. It has excellent resistance to oil, fuel, and antifreeze. It can also provide good sealability to systems with variety environmental condition and rough flange surfaces. The temperature range of this product is from -40°C to 200°C.

**Application Recommendation:** All kind of combustion engines , refrigeration compressors , and diesel engines.

**Product Gauge:** 0.3 – 1.5 mm

### Specification Properties:

Property	Unit	Value	Test Method
Density	g/cm <sup>3</sup>	≥ 1.3	ASTM F1315
Tensile Strength, AMD	MPa	≥ 10	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	≥ 7	
Change in Weight	%	≤ 30	
Change in Thickness	%	≤ 15	
Fluid Immersion, Fuel B (21-30 °C ×5h)			ASTM F146
Change in weight	%	≤ 30	
Change in Thickness	%	≤ 15	

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.