

# Product Specification Sheet

## JM-H03

JM-H03 is a high performance micropore gasket material. It is comprised of Kevlar fiber, nano specialty fillers, and fully cured Nitrile Butadiene binder. This product is specifically designed for valve body and heavy-duty applications. It is also suitable for use in compressors, small engines, diesel engines, and ship-building applications. This product has excellent erosion resistance and long-term sealing durability at high fluid pressure and flow rates. The temperature range of this product is from -40°C to 300°C.

Product Gauge: 0.3 - 1.5 mm

### Specification Properties

Property	Unit	Value	Test Method
Density	g/cm <sup>3</sup>	≥ 1.4	ASTM F1315
Tensile Strength, AMD	MPa	≥ 14	ASTM F152
Compressibility (34.5 MPa)	%	10-25	ASTM F36
Recovery	%	≥ 50	ASTM F36
Fluid Immersion, #903 Oil (150°C ×5h)			ASTM F146
Tensile after Immersion	MPa	≥ 7	
Weight Change	%	≤ 25	
Thickness Change	%	≤ 20	
Fluid Immersion, Fuel B (21-30 °C ×5h)			ASTM F146
Weight Change	%	≤ 25	
Thickness Change	%	≤ 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.