

# Product Specification Sheet

## JM-H02

JM – H02 is a non-asbestos Beater Addition sealing material. It is a high density, fully cured nitrile butadiene bound gasket material. Strengthened with aramid fiber and chemically treated nano inorganic silicate fillers, the material offers excellent mechanical strength, sealability, and crush resistance. It is used in heavy duty automatic transmission valve bodies, and other heavy-duty applications。 The temperature range of this product is from -40°C to 300°C.

Product Gauge: 0.3-2.0mm.

### Specification Properties

Property	Unit	Value	Test Method
Density	g/cm <sup>3</sup>	≥ 1.40	ASTM F1315
Tensile Strength, AMD	MPa	≥ 20.0	ASTM F152
Compressibility (34.5 MPa)	%	5~15	ASTM F36
Recovery	%	≥ 50	ASTM F36
Creep Relaxation	%	< 25	ASTM F-38
Immersion Test #903 Oil (150°C×5h)			ASTM F146
Tensile after immersion	MPa	≥ 15.0	
Weight Change	%	≤ 20	
Thickness Change	%	≤ 10	
Immersion Test, Fuel B (21-30 °C ×5h)			ASTM F146
Weight Change	%	≤ 20	
Thickness Change	%	≤ 10	

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.