

# Product Specification Sheet

## JM-S01

JM-S01 is an asbestos free Beater Addition sealing material comprised of a blend of aramid and synthetic fibers, and a high quality SBR binder system. JM-S01 is a controlled-swell sealing material with excellent compressibility and recovery properties. It is designed for sealing parts involving lubricating oil and fuel; including automotive, motorcycles, small engines, diesel engines, transmission system, and industrial machinery applications. The material can provide excellent seal at low flange pressure and non-uniform flange surface. The maximum operation temperature for short duration is up to 350°C.

Product Gauge: 0.3 -1.5mm

### Specification Properties:

Date Modified: 9/1/2022

Property	Unit	Value	Method
Density	g/cm <sup>3</sup>	≥ 1.2	ASTM F1315
Tensile Strength	MPa	≥ 8.0	ASTM F152
Compressibility (34.5 MPa)	%	10 -25	ASTM F36
Recovery	%	≥ 30	ASTM F36
Fluid Resistance, IRM903 (150°C×5h)			ASTM F146
Change in Weight	%	≤ 50	
Change in Thickness	%	15 - 40	
Fluid Resistance, Fuel B (21-30 °C ) ×5h			ASTM F146
Change in Weight	%	≤ 40	
Change in Thickness	%	12 - 40	

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.