

Product Specification Sheet

JM-H01

JM-H01 is a non-asbestos micropore beater addition sealing material. It is comprised of a blend of aramid fiber and synthetic fibers, chemically treated nano inorganic fillers, and a fully cure nitrile rubber binder system. The material has excellent mechanical strength, sealability, and crush resistance. The material is widely used in heavy-duty auto transmission valve bodies, refrigeration applications, valve bodies, and other heavy-duty machineries. The applicable temperature of this product is -40 to 300° C.

Product Gauge: 0.3-2.0mm

Property Specifications:

Date Modified: 9/1/2022

Property	Unit	Value	Test Method
Density	g/cm ³	≥ 1.35	ASTM F1315
Ensil Strength, AND	MPa	≥ 13.0	ASTM F152
Compressibility, (34.5 MPa)	%	≥ 5 -15	ASTM F36
Recovery	%	≥ 50	ASTM F36
Fluid Immersion, #903 Oil , (150°C×5h)			ASTM F146
Weight Change	%	≤ 25	
Thickness Change	%	≤ 20	
Fluid Immersion, Fuel B, (RT: 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.