

Product Specification Sheet

JM-LH01

JM-LH01 is an asbestos-free thin gauge material designed for meeting the need of clutch facing applications. The product is comprised of a blend of Kevlar and inorganic fibers, specialty inorganic fillers, and a high grade of nitrile butadiene rubber binder. JM-LH01 is an abrasion resistant material with exceptional crush resistance, oil resistance, and low creep relaxation properties. JM-LH01 can also be used in auto transmission valve body, fuel pumps, carburetors, and compressors. The upper temperature range of this product 350°C.

Product Gauge: 0.2-0.5 mm

Specification Properties:

Property	Unit	Value	Test Method
Density	g/cm ³	≥ 1.0	ASTM F1315
Tensile Strength, AMD	MPa	≥ 4.0	ASTM F152
Compressibility (34.5 MPa)	%	15 - 25	ASTM F36
Recovery	%	≥ 35	ASTM F36
Fluid Immersion, IRM 903 Oil (150°C×5h)			ASTM F146
Tensile Strength after immersion	MPa	≥ 2	
Change in Weight	%	≤ 35	
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 purpose, 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.