

Product Specification Sheet

JM-E03

JM-E03 is a cost-effective asbestos-free Beater Addition sealing material. Its composition consists of cellulose fibers, nitrile butadiene rubber binder, and inorganic fillers. Designed for use to seal lubrication oils and gasoline other media, it is also recommended for use in automotive, motorcycle, small engine, industrial equipment, combustion engines, and after-market service applications. The temperature range of this product is from -40°C to 200°C

Product Gauge: 0.2 – 1.5 mm

Specification Properties

Property	Unit	Value	Test Method
Density	g/cm ³	≥ 1.15	ASTM F1315
Tensile Strength, AMD	MPa	≥ 8.0	ASTM F152
Compressibility (34.5 MPa)	%	≥ 9.0	ASTM F36
Recovery	%	≥ 35	ASTM F36
Fluid Immersion, #903 Oil (150°C ×5h)			ASTM F146
Tensile after immersion	MPa	≥5.0	
Weight Change	%	≤ 35	
Thickness Change	%	≤ 25	
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 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.