

## Product Specification Sheet

# JM-X02

### Description:

JM-X02 is a low-density cork rubber material. Its composition is made up of butyl rubber binder, cork particle, and black reinforced fillers. It has excellent compressibility and bolt torque retention. It conforms well to irregular flange surfaces. Application temperature: -40 °C~190 °C. Applicable surface pressure: 2-15Mpa. Suitable for cylinder head gaskets, oil pan gaskets, and other low surface pressure sealing gaskets in automobiles, motorcycles, and general mechanical engines. Max size (length \* width): 760mm \* 720mm, recommended thickness: 1.0-4.0mm.

### Specification Properties:

Property	Unit	Value	Test Method
Density	g/cm <sup>3</sup>	≥ 0.9	ASTM F1315
Tensile Strength, AMD	MPa	≥ 3.0	ASTM F152
Compressibility (34.5 MPa)	%	≥ 17	ASTM F36
Recovery	%	≥ 50	ASTM F36
Shore hardness	-	70-90	ASTM D2240
Immersion: #903 Oil (150°C, 5hrs)			ASTM F146
Tensile after immersion	MPa	≥ 2.0	
Change in Weight	%	≤ 10	
Change in Thickness	%	≤ 13	

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.