

Product Specification Sheet

JM-C03

JM-C03 is an asbestos-free Beater Addition sealing material, comprised of fibrillated cellulose fibers, and nitrile butadiene rubber binder. It has very high tensile strength, excellent crush resistance, and erosion resistance. It is primarily used in applications of auto transmission valve body, pump, carburetors, and compressors. The product has excellent adhesion to metal plates. The upper limit of this product is up to 200°C .

Product Gauge: 0.3 -1.5 mm

Specification Properties:

| Property | Unit | Value | Test Method |
|---|-------------------|--------|-------------|
| Density | g/cm ³ | ≥ 1.0 | ASTM F1315 |
| Tensile Strength, AMD | MPa | ≥ 24 | ASTM F152 |
| Compressibility (34.5 MPa) | % | 5 - 15 | ASTM F36 |
| Recovery | % | ≥ 60 | ASTM F36 |
| Fluid Immersion, IRM 903 Oil (150°C×5h) | | | ASTM F146 |
| Tensile Strength after immersion | MPa | ≥ 16 | |
| Change in Weight | % | ≤ 30 | |
| 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.