

Product Specification Sheet

JM-7110

Product Description: JM-7110 is a non-asbestos compressed sheet product. Its composition is comprised of environmentally friendly aramid fiber, nitrile rubber binder, and inorganic fillers. JM-7110 has excellent sealing property and crush resistance. It also has exceptional compatibility with refrigerants and oils. In addition to use generally for sealing acid, base, fuel, and oils, it is also being used in high sealing performance areas such as refrigeration and cooling equipment, nuclear power generation industry, and heavy construction. The application temperature range of this product is $-40^{\circ}\text{C} \sim 400^{\circ}\text{C}$.

Product Gauge: 1.0 ± 0.1 mm. (Other thickness can be made upon requested)

Property Specifications

Property	Unit	Value	Test Method
Density	g/cm^3	1.6 -2.0	ASTM F1315
Tensile Strength, AMD	MPa	≥ 20.0	ASTM F152
Compressibility (34.5 MPa)	%	12 ± 5	ASTM F36
Recovery	%	≥ 50	ASTM F36
Fluid Immersion, #903 Oil ($150^{\circ}\text{C} \times 5\text{h}$)			ASTM F146
Weight Change	%	≤ 15	
Thickness Change	%	≤ 10	
Fluid Immersion, Fuel B ($21-30^{\circ}\text{C} \times 5\text{h}$)			ASTM F146
Weight Change	%	≤ 20	
Thickness Change	%	≤ 15	

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.