

SPECIFICATION DATA SHEET

100% Non-asbestos Sealing Material

TH-01

F729990E39M9

Description

TH-01 is a gray color high performance vulcanized gasket material. It contains aramid fiber and nitrile butadiene rubber binder with excellent oil-resistance and gas sealing performance. It is intended for high temperature/and high pressure application with short duration maximum temperature up to 290°C (550°F).

Technical Specifications

Properties	Test Method	Specification	
Density/ (g/cm ³)	ASTM F1315	≥1.50	
Tensile Strength/Mpa	ASTM F152	≥11	
Compressibility/%	ASTM F36	7 ~ 17	
Recovery/%	ASTM F36	≥50	
Stress Relaxation/%	ASTM F38	≤35	
Fluid Resistance (Immersion at ASTM IRM 903 Oil, 149±2°C, 5h)	Weight Increase/%	ASTM F146	≤22
	Thickness Increase/%	ASTM F146	≤18
Fluid Resistance (Immersion at ASTM Fuel B, 21~30°C, 5h)	Weight Increase/%	ASTM F146	≤20
	Thickness Increase/%	ASTM F146	≤18
Rubber Binder Type	Nitrile Butadiene Rubber		

Remarks and Related Documents:

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.
ASTM F104 (F729990E39M9)

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WARNING: The description and performance data provided herein constitute a material specification 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 proper sealing products may result in either property damage or personal injury. For specific application recommendations, contact with Teamful Sealing.



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