

SPECIFICATION DATA SHEET

100% Non-asbestos Sealing Material

TL1601

F729900E99M5

Description

TL1601 is a gray color vulcanized Non-asbestos gasket material with nitrile butadiene rubber binder. It has excellent crush resistance and high flange pressure sealability. It is intended for Oil, fuel and water application with short duration maximum temperature up to 180°C (356°F).

Technical Specifications

Properties	Test Method	Specification	
Density/ (g/cm ³)	ASTM F1315	≥1.2	
Tensile Strength/ (Mpa)	ASTM F152	≥11	
Compressibility/%	ASTM F36	12 ~ 25	
Recovery/%	ASTM F36	≥35	
Fluid Resistance (Immersion at ASTM IRM 903 Oil, 149±2°C, 5h)	Compressibility Change/%	ASTM F146	≤35
	Tensile Strength Change/%	ASTM F146	≤30
	Thickness Increase/%	ASTM F146	≤20
Fluid Resistance (Immersion at ASTM Fuel B, 21~30°C, 5h)	Weight Increase/%	ASTM F146	≤35
	Thickness Increase/%	ASTM F146	≤20
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 (F729900E99M5)

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Revised 09/01/2015

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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