

## SPECIFICATION DATA SHEET

# 100% Non-asbestos Sealing Material

## TL1100

F729999E99M9

### Description

**TS1100** is a blue color economic Non-asbestos gasket material with good compressibility. It contains Nitrile Butadiene Rubber binder and intended for general Lubricating Oil, Gas and Water sealing applications and aftermarket solutions with short duration maximum temperatures up to 150°C (300°F).

### Technical Specifications

Properties	Test Method	Specification	
Density/ (g/cm <sup>3</sup> )	ASTM F1315	≥1.05	
Tensile Strength/Mpa	ASTM F152	≥4	
Compressibility/%	ASTM F36	18-32	
Recovery/%	ASTM F36	≥18	
Fluid Resistance (Immersion at ASTM IRM 903 Oil, 149±2°C,5h)	Weight Increase/%	ASTM F146	≤50
	Thickness Increase/%	ASTM F146	≤22
Fluid Resistance (Immersion at ASTM Fuel B, 21~30°C,5h)	Weight Increase/%	ASTM F146	≤35
	Thickness Increase/%	ASTM F146	≤20
Fluid Resistance (Immersion at Distilled Water, 149±2°C,5h)	Weight Increase/%	ASTM F146	≤65
	Thickness Increase/%	ASTM F146	≤30
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 (F729999E99M9)

Specification Data Sheet  
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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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