

## SPECIFICATION DATA SHEET

# 100% Non-asbestos Sealing Material

## TL2305

F729160E93M9

### Description

**TL2305** is a gray color asbestos free heavy-duty cylinder Head facing material which is easy to combine and composite with both solid and perforated metal cores. It contains high-temperature resistant mineral fibers and Nitrile Butadiene Rubber binder and intended for high-end cylinder head gasket and various sealing applications.

### Technical Specifications

Properties	Test Method	Specification	
Density/ (g/cm <sup>3</sup> )	ASTM F1315	≥1.05	
Tensile Strength/Mpa	ASTM F152	≥2.5	
Compressibility/%	ASTM F36	20~40	
Recovery/%	ASTM F36	≥10	
Creep Relaxation/%	ASTM F38	≤30	
Fluid Resistance (Immersion at ASTM IRM 903 Oil, 149±2°C,5h)	Weight Increase/%	ASTM F146	≤60
	Thickness Increase/%	ASTM F146	≤15
Fluid Resistance (Immersion at ASTM Fuel B, 21~30°C,5h)	Weight Increase/%	ASTM F146	≤45
	Thickness Increase/%	ASTM F146	≤15
Fluid Resistance (Immersion at Distilled Water, 149±2°C,5h)	Weight Increase/%	ASTM F146	≤60
	Thickness Increase/%	ASTM F146	≤25
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 (F729160E93M9)

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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