

SPECIFICATION DATA SHEET

100% Non-asbestos Sealing Material

TL1205

F723190E33M5

Description

TL1205 is a red color vulcanized Non-asbestos gasket material that contains reinforced organic fibres. It has good compressibility and recovery, excellent low flange pressure seal-ability and bolt torque retention, and it is intended for engines and pipe flanges applications with short duration maximum temperatures up to 200°C (390°F).

Technical Specifications

Property	Test Method	Specification	
Density/ (g/cm ³)	ASTM F1315	≥1.35	
Tensile Strength/Mpa	ASTM F152	≥10.5	
Compressibility/%	ASTM F36	10 ~ 20	
Recovery/%	ASTM F36	≥50.0	
Fluid Resistance (Immersion at ASTM IRM 903 Oil, 149±2°C, 5h)	Weight Increase/%	ASTM F146	≤25
	Thickness Increase/%	ASTM F146	≤15
	Tensile Strength change/Mpa	ASTM F146	≥8
	Compressibility change /%	ASTM F146	≤25
	Recovery change/%	ASTM F146	≥40
Fluid Resistance (Immersion at Mobil Oil 10W-40,149±2°C, 5h)	Weight Increase/%	ASTM F146	≤20
	Thickness Increase/%	ASTM F146	≤8
	Tensile Strength change/%	ASTM F146	≥9
	Compressibility change /%	ASTM F146	≤20
	Recovery change/%	ASTM F146	≥40
Fluid Resistance (Immersion at ASTM Fuel B, 21~30°C, 5h)	Weight Increase/%	ASTM F146	≤20
	Thickness Increase/%	ASTM F146	≤15
Fluid Resistance (at coolant ,149±2°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 (F723190E33M)

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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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