

## SPECIFICATION DATA SHEET

### Combined Materials with Metal Core

# WAG-TL1305

#### Description

WAG-TL1305 is a gray color composite gasket structure consisting of TL1305 facing material chemically and mechanically combined to a perforated steel core. It is intended for exhaust manifold, cylinder head as well as other industrial sealing applications that require high strength, thermal integrity. The short duration maximum temperature is up to 400°C (752°F).

#### Technical Specifications

Properties	Test Method	Specification	
Density/ (g/cm <sup>3</sup> )	ASTM F1315	2~3	
Compressibility/%	ASTM F36	5~ 18	
Recovery/%	ASTM F36	≥40	
Ignition Loss/% at 800°C,1h	ASTM F495	≤30	
Fluid Resistance (Immersion at ASTM IRM 903 Oil, 149±2°C, 5h)	Weight Increase/%	ASTM F146	≤30
	Thickness Increase/%	ASTM F146	≤20
Fluid Resistance (Immersion at ASTM Fuel B, 21~30°C, 5h)	Weight Increase/%	ASTM F146	≤30
	Thickness Increase/%	ASTM F146	≤20

#### Remarks and Related Documents:

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

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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