

# TN-9004

## Thermo-Tork®/Nonasbestos Gasket Material

F729100E33M9

### Description

TN-9004 is a heavy-duty, high density material with fully cured nitrile butadiene rubber binder. It has excellent resistance to fuel and oil, and has good tensile strength. It is intended for applications with high flange pressures and short duration maximum temperatures up to 350°C (650°F).

### Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.52 (95) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	5 - 20	ASTM F 36
Recovery, %	45 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	17.24 (2500) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	45 (max.)	
Change in Thickness, %	15 (max.)	
Change in Compressibility, %	25 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	20 (max.)	
Binder Type	Fully Cured Nitrile Butadiene	

### Remarks and Related Documents

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

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## SPECIFICATION DATA SHEET

# TN-9004

Thermo-Tork®/Nonasbestos Gasket Material

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Revision	Requester	Description of Change	Director of Product Engineering	Regional Sales Director	Segment Manager	Date of Change
0	Initial Data Sheet					
A	L. Gindlesperger	Updated Data Sheet Template with Company Logo, Company Locations, and added 2nd page with Change Log.	N/A	N/A	R. Lavertu	5/28/21

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