

# TN-9000

**Thermo-Tork®/Nonasbestos Gasket Material**

F729900E33M9

**Description:**

TN-9000 has a fully cured nitrile butadiene binder with Aramid fiber. It has good tensile strength, low creep relaxation, and excellent fuel and oil resistance. It is intended for applications with high flange pressures and temperatures, with short duration maximum temperatures up to 400°C (750°F).

**Specification Properties:**

<u>Property</u>	<u>Value</u>	<u>Method</u>
Density, g/cc(lb/cu.ft)	1.44 (90) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	7 - 17	ASTM F 36
Recovery, %	50 (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, %	35 (max.)	
Change in Thickness, %	10 (max.)	
Change in Compressibility, %	30 (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

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