



Specification Data Sheet



TN-9005

**Thermo-Tork[®]/Non-asbestos Gasket Material
F729900E59M5**

Description:

TN-9005 is a heavy-duty material with a latent cure nitrile binder system. It conforms well to irregular flange surfaces, and is suitable for applications with short duration maximum temperatures up to 350°C (650°F).

Property:

Specification:

Method:

Density, g/cc(lb/cu.ft)	1.28 (80) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 30	ASTM F 36
Recovery, %	25 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	10.34 (1500) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	50 (max.)	
Change in Thickness, %	20 (max.)	
Change in Compressibility, %	50 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	40 (max.)	
Binder Type	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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