

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

TS-9003

Thermo-Tork®/Nonasbestos Gasket Material

F729900E09M4

Description:

TS-9003 is a controlled-swell gasket material with a latent cure styrene butadiene rubber binder. It is an alternative to high-swell asbestos and nonasbestos compressed sheet materials. Its latent cure binder and heat resistant fibers give it good oil sealing characteristics at low flange pressure, and it conforms well to irregular flange surfaces. It is intended for applications with short duration maximum temperatures up to 350°C (650°F).

Specification Properties:

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.44 (90) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 30	ASTM F 36
Recovery, %	20 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	6.90 (1000) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	45 - 85	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	20 - 50	
Binder Type	Styrene Butadiene	

Remarks and Related Documents:

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

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The information on this data sheet is based on laboratory test data we believe to be accurate, relevant and reliable. Please look upon these values as guides rather than absolutes. Since actual service conditions for a given application may vary substantially from standard laboratory conditions, specific recommendations or warranties relative to a specific end use cannot be made. The buyer is urged to conduct its own investigations and qualification tests to determine suitability for its intended application. Accurate Felt & Gasket Mfg. Co. shall not be liable for any damages arising out of the use of any of its guide specifications.

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