

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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Specification Data Sheet

Revised 07/01/15

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For more information, please visit www.InterfaceMaterials.com or contact

WORLD HEADQUARTERS
Interface Performance Materials, Inc.
216 Wohlsen Way
Lancaster, PA 17603
USA
+1.717.207.6000

TECHNICAL CENTER
Interface Performance Materials, Inc.
215 Wohlsen Way
Lancaster, PA 17603
USA
+1.717.207.6000

NORTH AMERICA
Interface Performance Materials, Inc.
22260 Haggerty Road, Suite 200
Northville, MI 48167
USA
+1.248.596.2800

ASIA PACIFIC
Interface Sealing Solutions Shanghai Co., LTD
Unit 14F, No. 728
Yan An Road West, Changning District
Shanghai 200050
China
+8621.5238.5650

EUROPE & SOUTH AMERICA
Interface Sealing Solutions Europe
Lili Pean, Le Bourg
Bonloc 64240
France
+33.5.5929.1220

GERMANY
Interface Performance Materials
Altenkirchen GmbH
P.O. Box 12 63
Koblener Strasse
Altenkirchen D-57610
Germany
+49.2681.80020

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Performance Materials