

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	

For more information, please visit
www.lydallpm.com or email AE@lydall.com

TECHNICAL CENTER
Lydall Performance Materials (US), Inc.
215 Wohlsen Way
Lancaster, PA 17603
USA
+1.717.207.6000

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

INDIA
Lydall Performance Materials India LLP
Mandkola Road, Vill. Atta, Sohna,
Distt: Mewat, Nuh-122103 (Haryana)
+91 8930992166

EUROPE
Lydall Performance Materials Europe
Maison Lili Pean
64240 Bonloc
France
+33 (0) 5.59.29.12.20

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

TS-9003

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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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