

# S-8091

**Syntheseal®/Nonasbestos Gasket Material****F724900E09M9**

## Description

S-8091 is controlled-swell, Latent cure styrene butadiene bound material with reinforced cellulose fiber. It is intended for applications sealing oil, fuel, and low-pressure steam with short duration maximum temperatures up to 180°C (350°F).

## Specification Properties

<u>Property</u>	<u>Value</u>	<u>Method</u>
Density, g/cc(lb/cu.ft)	1.20 (75) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 25	ASTM F 36
Recovery, %	25 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	12.41 (1800) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	30 - 75	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	25 - 50	
Binder Type	Styrene Butadiene	

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## 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

# S-8091

Syntheseal®/Nonasbestos Gasket Material

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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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