

N-8092

Syntheseal®/Nonasbestos Gasket Material

F729900E59M9

Description

N-8092 is used in automotive, small engine, and compressor applications. It has excellent crush resistance at high flange pressures, and excellent sealing properties with oil, fuel, and water. It is intended for applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.20 (75) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 30	ASTM F 36
Recovery, %	35 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	11.03 (1600) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	30 (max.)	
Change in Thickness, %	20 (max.)	
Change in Compressibility, %	40 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	40 (max.)	
Binder Type	Nitrile Butadiene	

For more information, please visit
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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

N-8092

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	5/26/21

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