

NI-4002

Standard/Nonasbestos Gasket Material
F339997E92M9

Description

NI-4002 is a non-asbestos facing material that, when combined on perforated metal core, is intended for elevated temperature applications such as exhaust systems. It has an inorganic filler system encapsulated by nitrile butadiene rubber binder, giving it low ignition loss and good torque retention properties.

Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	0.88 (55) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	15 - 30	ASTM F 36
Recovery, %	25 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	2.07 (300) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	70 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	55 (max.)	
Fluid Resistance, Glycol/Water 50/50		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	80 (max.)	
Binder Type	Nitrile 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

NI-4002

Standard/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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