

NI-2086

Standard/Nonasbestos Gasket Material F723940E43M6

Description

NI-2086 has a fully cured nitrile butadiene rubber binder for improved strength and fluid resistance. It is intended for applications with short duration maximum temperatures up to 190°C (375°F).

Specification Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.36 (85) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	10 - 20	ASTM F 36
Recovery, %	50 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	13.79 (2000) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	35 (max.)	
Change in Thickness, %	10 (max.)	
Change in Weight, %	30 (max.)	
Compressibility, %	25 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	30 (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-2086

Standard/Nonasbestos Gasket Material

F723940E43M6

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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