

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

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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The information on this data sheet is based on laboratory test data we believe to be accurate, relevant and reliable. Please look upon these values as guides rather than absolutes. Since actual service conditions for a given application may vary substantially from standard laboratory conditions, specific recommendations or warranties relative to a specific end use cannot be made. The buyer is urged to conduct its own investigations and qualification tests to determine suitability for its intended application. Accurate Felt & Gasket Mfg. Co. shall not be liable for any damages arising out of the use of any of its guide specifications.

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