

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

N-8051

Standard/Nonasbestos Gasket Material
F339000M9, Z1

Description:

N-8051 is a light-duty material for low internal pressure and low flange pressure applications up to 13.8 MPa (2000 psi). It has a nitrile butadiene rubber binder for resistance to oil and is intended for applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties:

Property	Value	Method
Compressibility, % (at 6.9MPa)	10 - 25	ASTM F 36
Recovery, %	40 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	2.76 (400) (min.)	ASTM F 152
Fluid Resistance, IRM901 Oil		ASTM F 146
Change in Volume, %	35 (max.)	
Fluid Resistance, Fuel A		ASTM F 146
Change in Volume, %	45 (max.)	
Binder Type	Nitrile Butadiene	

Remarks and Related Documents:

Z1: Specification values determined by the conditioning and test methods required for ASTM F-104, Type 3 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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