

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

NV-519

Standard/Nonasbestos Gasket Material
F332949M8

Description:

NV-519 is a cellulose fiber material with thermoset resin and nitrile butadiene rubber binder. It has excellent tensile strength, crush resistance, and erosion resistance against high volume fluid flow and impingement. It is used primarily in automatic transmission valve body, pump, and accumulator/channel plate applications as well as carburetors and air compressors. It is intended for use in applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties:

Property	Value	Method
Density, g/cc(lb/cu.ft)	0.96 (60) (min.)	ASTM F 1315
Compressibility, % (at 6.9MPa)	5 - 15	ASTM F 36
Recovery, %	60 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	27.59 (4000) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	30 (max.)	
Fluid Resistance, Dexron VI		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	30 (max.)	
Fluid Resistance, Distilled Water		ASTM F 146
Change in Thickness, %	70 (max.)	
Change in Weight, %	70 (max.)	
Binder Type	Fully Cured Nitrile Butadiene	

Remarks and Related Documents:

Specification values determined by the 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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