

ACCURATE FELT & GASKET MFG. COMPANY

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MATERIAL SPECIFICATION

NV-512

Standard/Nonasbestos Gasket Material
F333949E43M7

Description:

NV-512 is a cellulose fiber material with a fully cured nitrile butadiene rubber binder for increased strength and fluid resistance. It has very high tensile strength and crush resistance, and is used in applications such as air pumps, carburetors, gear boxes and transmissions. It is intended for 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)	10 - 20	ASTM F 36
Recovery, %	60 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	20.69 (3000) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	10 (max.)	
Change in Weight, %	30 (max.)	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	15 (max.)	
Change in Weight, %	30 (max.)	
Fluid Resistance, Distilled Water		ASTM F 146
Change in Thickness, %	35 (max.)	
Change in Weight, %	50 (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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