
AUBURN PRODUCT NEWS

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NV-512 – Economical Sealing Gasket Material

Specification Data Sheet

F33949E43M7

Description

NV-512 is a cellulose fiber material with a fully cured nitrile butadiene rubber binder for increased strength and fluid resistance. It has a very high tensile strength and crush resistance, as 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 (355°F).

Property:	Specification:	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 test methods required for ASTM F-104. Type 3 materials.

Ordering Information: NV-512 is available in thicknesses of .015", .020", .025", .031", .047" and .062", in rolls @ 40" wide continuous length or sheets @ 40" x 36".. **Auburn can die cut, stamp, slit-to-width, strip, sheet, or apply pressure sensitive adhesive to NV-512 in accordance with your exact specifications.**

GASKETS • PADS • SEALS • BUSHINGS • SPACERS
