

Betaflex 69

Standard/Nonasbestos Gasket Material

Description

Betaflex 69 is a cellulose fiber material with 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 typical engine sealing applications. It is intended for use in applications with short duration maximum temperatures up to 180°C (350°F).

Typical Properties

Property	Value	Method
Density, g/cc(lb/cu.ft)	1.00 (62.4)	ASTM F 1315
Compressibility, % (at 6.9MPa)	13	ASTM F 36
Recovery, %	54	ASTM F 36
Tensile Strength, AMD, MPa(psi)	20.7 (3002)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Thickness, %	2	
Change in Weight, %	26	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	6.5	
Change in Weight, %	26	
Fluid Resistance, Distilled Water		ASTM F 146
Change in Thickness, %	26	
Change in Weight, %	26	

Remarks and Related Documents

Typical values determined by the test methods required for ASTM F-104, Type 3 materials.

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