

ACCURATE FELT & GASKET MFG. COMPANY

3239 S. 51st Avenue

Cicero, IL 60804

Phone: 708-780-9000 Fax: 708-780-9009

www.afgco.com afg@afgco.com

MATERIAL SPECIFICATION

N-8094

Syntheseal®/Nonasbestos Gasket Material

F729900E99M9

Description:

N-8094 is a medium density material that conforms well to irregular flange surfaces and has very good crush resistance at high flange pressures. It is intended for sealing oils, fuels, and water in applications with short duration maximum temperatures up to 180°C (350°F).

Specification Properties:

Property	Value	Method
Density, g/cc(lb/cu.ft)	0.87 (54) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	28 - 42	ASTM F 36
Recovery, %	20 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)		ASTM F 152
Greater Than 1.2mm Gauge	6.9 (1000) (min.)	
All Other Gauges	8.62 (1250) (min.)	
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	30 (max.)	
Change in Thickness, %	7 (max.)	
Change in Compressibility, %	30 - 45	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	7 (max.)	
Change in Weight, %	25 - 50	
Binder Type	Nitrile Butadiene	

Remarks and Related Documents:

Specification values determined by the test methods required for ASTM F-104, Type 7 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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