

# Specification Data Sheet



## **N-8094**

Syntheseal®/Nonasbestos Gasket Material  
F729900E99M9

### Description:

N-8094 is a low 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).

### Property:

### Specification:

### 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	6.90 (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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