
AUBURN PRODUCT NEWS

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N-8094 - Syntheseal® Gasket Material

Specification Data Sheet

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, %	30 (max.)	
Change in Thickness, %	7 (max.)	
Change in Compressibility, %	30-45 (max.)	
Fluid Resistance , Fuel B		ASTM F 146
Change in Thickness, %	7 (max.)	
Change in Weight, %	25-50 (max.)	
Binder Type	Nitrile Butadiene	

Remarks and related documents:

Specification Values determined by test methods required for ASTM F-104. Type 7 materials.

Ordering Information: N-8094 is available in thicknesses of .015", .020", .025", .031", .047" and .062", in rolls @ 40" wide continuous length or sheets @ 40" x 36". Anti-Stick coating is available and can be applied to one or both sides. **Auburn can die cut, stamp, slit-to-width, strip, sheet, or apply pressure sensitive adhesives to N-8094 in accordance with your exact specifications.**

GASKETS • PADS • SEALS • BUSHINGS • SPACERS
