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# AUBURN PRODUCT NEWS

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## Auburn Manufacturing Company

29 Stack Street

Middletown, CT 06457

Tel: 860-346-6677, Fax: 860-346-1334

website: [www.auburn-mfg.com](http://www.auburn-mfg.com)

email: [info@auburn-mfg.com](mailto:info@auburn-mfg.com)

## N-8092 - Syntheseal® Gasket Material

### Specification Data Sheet

F729900E59M9

#### Description

N-8092 from Auburn is used in automotive, small engine, and compressor applications. It has excellent crush resistance at high flange pressures, and excellent sealing properties with oil, fuel, and water. It is intended for applications with short duration maximum temperatures up to 180°C (350°F).

Property:	Specification:	Method:
<b>Density</b> , g/cc (lb/cu. ft.)	1.20 (75) (min.)	ASTM F 1315
<b>Compressibility</b> , % (at 34.5Mpa)	15 – 30	ASTM F 36
<b>Recovery</b> , %	35 (min.)	ASTM F 36
<b>Tensile Strength</b> , AMD,Mpa (psi)	11.03 (1600) (min.)	ASTM F 152
<b>Fluid Resistance</b> , IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	30 (max.)	
Change in Thickness, %	20 (max.)	
Change in Compressibility, %	40 (max.)	
<b>Fluid Resistance</b> , Fuel B		ASTM F 146
Change in Thickness, %	20 (max.)	
Change in Weight, %	40 (max.)	
<b>Binder Type</b>	Nitrile Butadiene	

#### Remarks and related documents:

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

**Ordering Information:** N-8092 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 adhesive to N8092 in accordance with your exact specifications.**

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**GASKETS • PADS • SEALS • BUSHINGS • SPACERS**

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