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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)

## S-8091 - Syntheseal® Gasket Material

### Specification Data Sheet

F724900E09MP

#### Description

S-8091 is a controlled-swell, latent cure styrene butadiene bound material with reinforced cellulose fiber. It is intended for applications involving sealing oil, fuel, and low-pressure steam 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 – 25	ASTM F 36
<b>Recovery</b> , %	25 (min.)	ASTM F 36
<b>Tensile Strength</b> , AMD,Mpa (psi)	12.41 (1800) (min.)	ASTM F 152
<b>Fluid Resistance</b> , IRM903 Oil		ASTM F 146
Change in Thickness, %	30 – 75	
<b>Fluid Resistance</b> , Fuel B		ASTM F 146
Change in Thickness, %	25 - 50	
<b>Binder Type</b>	Styrene Butadiene	

#### Remarks and related documents:

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

**Ordering Information:** S-8091 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 S-8091 in accordance with your exact specifications.**

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

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