
AUBURN PRODUCT NEWS

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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:
Density , g/cc (lb/cu. ft.)	1.20 (75) (min.)	ASTM F 1315
Compressibility , % (at 34.5Mpa)	15 – 25	ASTM F 36
Recovery , %	25 (min.)	ASTM F 36
Tensile Strength , AMD,Mpa (psi)	12.41 (1800) (min.)	ASTM F 152
Fluid Resistance , IRM903 Oil		ASTM F 146
Change in Thickness, %	30 – 75	
Fluid Resistance , Fuel B		ASTM F 146
Change in Thickness, %	25 - 50	
Binder Type	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.**

GASKETS • PADS • SEALS • BUSHINGS • SPACERS
