

# Compressed Sheet with Aramid Fibers, Hypalon Binder

**Application:**

Style NA1085 is a severe service non-asbestos sheet that is specifically formulated to provide an effective seal against most acids in the process industries. This style is suitable for service handling the following general media categories:

- Water
- Brine
- Saturated Steam
- Air
- Industrial gases
- Oxygenated Solvents
- Neutral solutions
- Refrigerants
- General chemical
- Diluted alkalis

**Construction:**

Style NA1085 is a compressed non-asbestos sheet gasket material produced from aramid fibers and bonded with CSM rubber. It is manufactured through the hot calendar process under rigorous quality control standards that are registered under ISO-9001 certification.

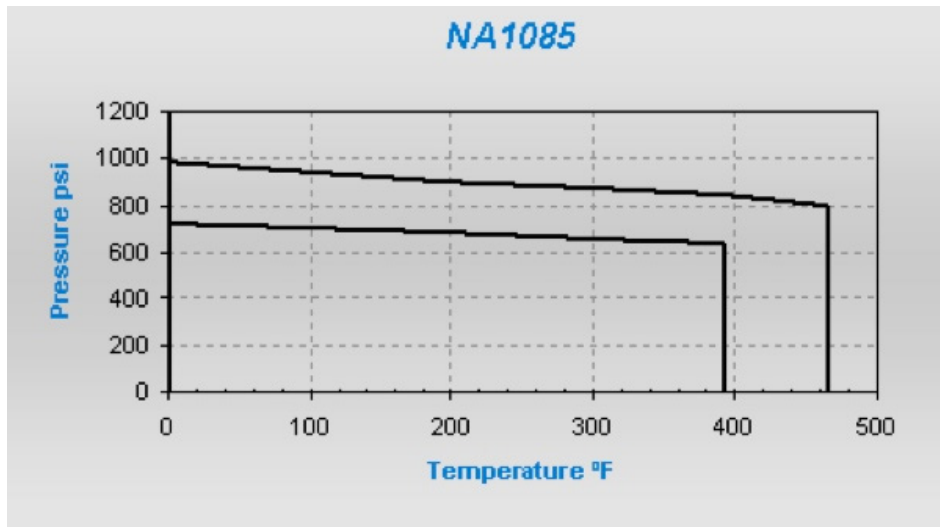
<b>Availability</b>	Size: 59 x 63 in 59 x 126 in
	Thickness: 1/64", 1/32", 1/16", 3/32", 1/8"
<b>Temperature</b>	Continuous Service: 392°F (200°C)
	Maximum Service: 464°F (240°C)
<b>Pressure</b>	Continuous Service: 725 psi (50 bar)
	Maximum Service: 1015 psi (70 bar)
<b>Color</b>	Cobalt Blue
<b>ASTM Line Call Out F104</b>	F712000E00M5



**Typical Physical Properties:**

Density	106 lb/ft <sup>3</sup> (1.7 g/cm <sup>3</sup> )
Compressibility - ASTM F36	5-15%
Recovery - ASTM F36	min 40%
Tensile Strength Across Grain - ASTM F152	2030 psi (14 N/mm <sup>2</sup> )
Ignition Loss - F495	max 37%
Creep Relaxation- ASTM F38	26%
Torque Retention (DIN 52913)- ASTM F38	28 N/mm <sup>2</sup>
Sealability, at 1000PSI- ASTM F37	0.2 ml/hr

### Pressure x Temperature



The P x T graph shown above indicates the service limits for this sheet considering pressure and temperature simultaneously...(Tests were performed with nitrogen on 1.6mm thick sheet). The "normal" curve represents the common usage area for this sheet while the "maximum" curve indicates the maximum limits. For applications near or above the "maximum" curve, contact TEADIT.



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