

NA1085

Compressed Sheet with Aramid Fibers, CSM Binder

Application:

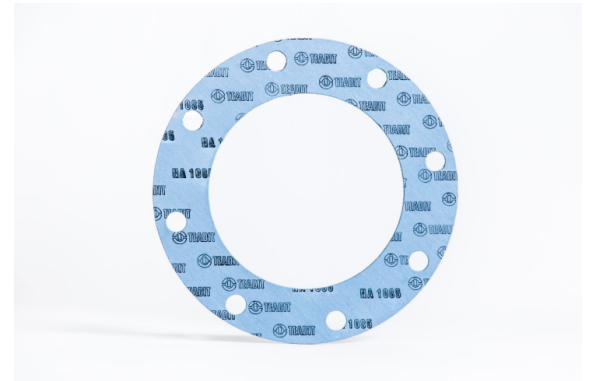
Style NA1085 is a severe service compressed fiber sheet that is specifically formulated to provide an effective seal against most acids in the process industries. This style is suitable for service handling the following general media categories:

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

Construction:

Style NA1085 is a compressed fiber 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.

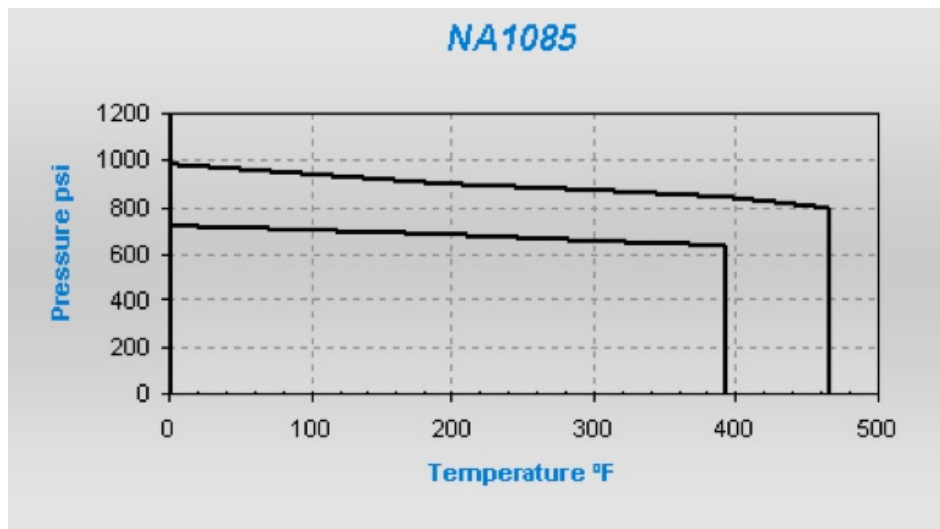
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|--------------------------------|---|
| Availability | Size: 59 x 63 in 59 x 126 in |
| | Thickness: 1/64", 1/32", 1/16", 3/32", 1/8" |
| Temperature | Continuous Service: 392°F (200°C) |
| | Maximum Service: 464°F (240°C) |
| Pressure | Continuous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



Typical Physical Properties:

| | |
|---|---|
| Density | 106 lb/ft ³ (1.7 g/cm ³) |
| Compressibility - ASTM F36 J | 5-15% |
| Recovery - ASTM F36 J | min 40% |
| Tensile Strength Across Grain - ASTM F152 | 2030 psi (14 N/mm ²) |
| Ignition Loss - F495 | max 37% |
| Creep Relaxation- ASTM F38 | 26% |
| Torque Retention (DIN 52913)- ASTM F38 | 28 N/mm ² |
| 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.

Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.