



NA1085 - Compressed Sheet with Aramid Fibers/Hypalon Binder

CONSTRUCTION

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

APPLICATION / SERVICE

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 chemicals
- Diluted alkalis

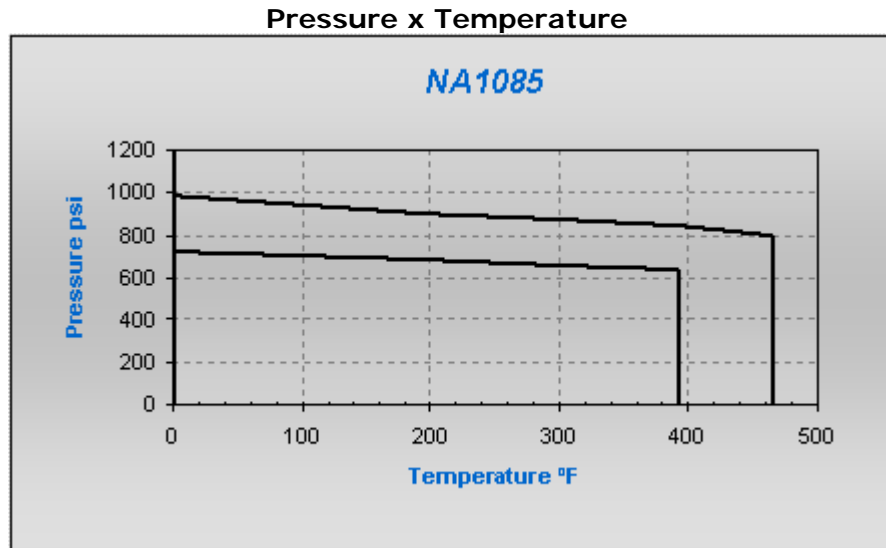
SERVICE LIMITS

Type	Description	Value
Temperature Limits	Maximum	464°F (240°C)
	Continuous Max	362°F (200°C)
Pressure Limits (Vacuum)	Maximum	1015 psi (70 bar)
	Continuous Max	725 psi (50 bar)
ASTM Line Call Out F104	F712000E00M5	
Color	Cobalt Blue	
Available Sheet Sizes	Thickness	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Sizes	59" x 63" 59" x 126"

TYPICAL PHYSICAL PROPERTIES

ASTM Test Method	Property	Value
-	Density	106 lb/ft ³ (1.7 gm/cc)
F36	Compressibility	5-15%
F36	Recovery	min 40%
F152	Tensile Strength	2030 psi (14 N/mm ²)
F495	Ignition Loss	max 37%
F38	Creep relaxation	26%

F37

Torque Retention (DIN 52913)
Sealability at 1000 psi28 N/mm²
0.2 ml/h

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 datasheet 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 supersedes all previous issues.

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