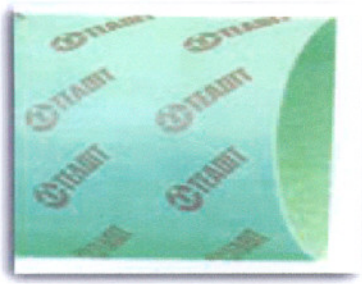
TEADIT®



STYLE NA1000

Compressed Sheet Packing Aramid Fibers / NBR Binder

CONSTRUCTION

Style NA1000 is a compressed non-asbestos sheet gasket material produced from aramid fibers and bonded with nitrile rubber (NBR). It is manufactured through the hot calendar process under rigorous quality control standards that are registered under ISO-9001 certification.

APPLICATION / SERVICE

Style NA1000 is a premium service gasket material that has a broad range of applications in the process industries and in the water and wastewater industry. It is very pliable and cuts cleanly and is ideal for use in compressors, carburetors and other equipment requiring gaskets with close dimensional tolerances. This style is suitable for service handling the following general media categories:

- Mild inorganic acids
- Mild organic acids
- Concentrated alkalis
- Diluted alkalis
- Water
- Brine
- Saturated steam
- Industrial gases
- Animal oils
- Synthetic oils
- Vegetable oils
- Petroleum and Derivatives
- General chemicals
- Aromatic solvents
- Chlorinated solvents
- Oxygenated solvents
- Neutral solutions
- Refrigerants
- Air
- Aliphatic solvents

SERVICE LIMITS		
Type	**Description**	**Value**
Temperature	Maximum	720°F (380°C)
	Continuous Max	390°F (200°C)
Pressure Limits (Vacuum)	Maximum	1300 psi (90 bar)
	Continuous Max	580 psi (40 bar)
ASTM Line Call Out F104	F713100E33M9	
Color	Light Green	
Available Sheet Sizes	Thicknesses	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Sizes	59" x 63"
		59" x 126"
		118" x 126"

TYPICAL PHYSICAL PROPERTIES

ASTM Test Method	Property	Value
	Density	101 lb/ft^3 (1.63 g/cm)
F36	Compressibility	12-23%
F36	Recovery	50%
F152	Tensile Strength Across Grain	1885 psi 13N/mm^2
F495	Ignition Loss	max 36%
F146	Thickness Increase After 5 Hour Immersion	
	• ASTM IRM 903 @300°F (150°C)	max 13%
	• ASTM Fuel B @77°F (25°C)	max 15%
F146	Weight Increase After 5 Hour Immersion	
	• ASTM IRM 903 @300°F (150°C)	-
	• ASTM Fuel B @77°F (25°C)	max 20%
F38	Creep relaxation	26%
	Torque Retention (DIN 52913)	37 N/mm^2
F37	Sealability at 1000 psi	0.8 ml/h

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 s personal injury. Specifications are subject to change without notice. This edition supersedes all previous issues.

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Page last updated: 7/26/2004