TEADIT
Fluid Sealing Products

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. **Style NA1000** is suitable for service handling the following general media categories:

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

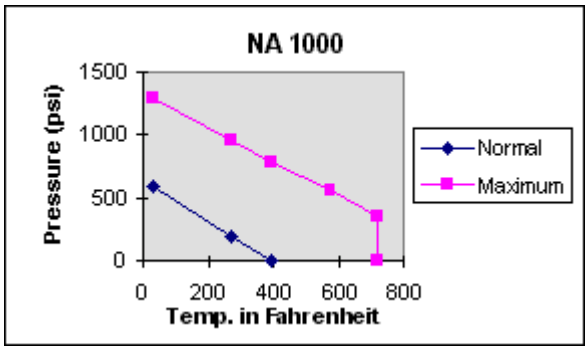
PRODUCT DATA

Temperature Limits:	
Minimum	-40°F (-40°C)
Maximum	720°F (380°C)
Pressure Limits:	Vacuum to 1300 psi (90 bar)
ASTM Line Call Out:	ASTM F104-F713100-M5
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”

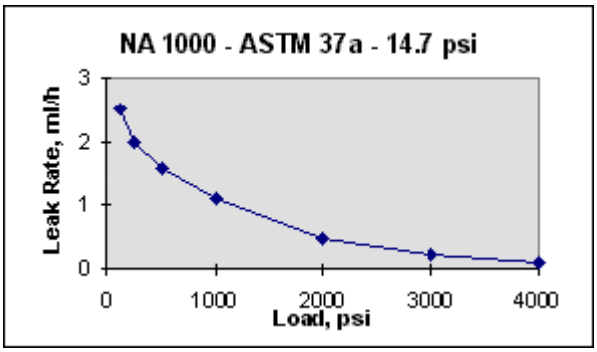
TYPICAL PHYSICAL PROPERTIES NA1000		
ASTM TEST METHOD	**PHYSICAL PROPERTIES**	**VALUES**
F 36	Compressibility	17%
F 36	Recovery	53%
F 38	Creep Relaxation	27%

F 495	Ignition Loss	30%
F 146	Weight Increase After Five Hour Immersion ASTM IRM 903 @ +300°F (+150°C) ASTM Fuel B @ + 70-85°F (+21-29°C)	 19% 15%
F 146	Thickness Increase After Five Hour Immersion ASTM IRM 903 @ +300°F (+150°C) ASTM Fuel B @ + 70-85°F (+21-29°C)	 7% 8%
F 152	Tensile Strength Across Grain	1900 psi (13 N/mm^2)
-	Density:	105 lb/ft^3 (1.7 gm/cc)

Pressure x Temperature



Sealability Curve



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 are typical and are presented in good faith but no warranty is expressed or implied. This edition supersedes all previous issues and all data is subject to change without notice. 11/96

Back