



NA1092 – Compressed Sheet with Aramid Fibers/ Graphite /NBR

CONSTRUCTION

Style NA1092 is a Compressed Non-Asbestos sheet gasket material produced from aramid fiber, graphite, reinforced fillers 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.

APPLICATION / SERVICE

NA1092 NA1092 is suitable for services with the following general media categories

<ul style="list-style-type: none"> • Mild inorganic acids • Water • Industrial gases • Vegetable oils • Neutral solutions 	<ul style="list-style-type: none"> • Mild organic acids • Brine • Animal oils • Petrol and Derivatives • Air 	<ul style="list-style-type: none"> • Diluted alkalis • Steam • Synthetic oils • General chemicals
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SERVICE LIMITS		
Type	Description	Value
Temperature Limits	Maximum	750°F (400°C)
	Continuous Max	518°F (270°C)
Pressure Limits	Maximum	1885 psi (130 bar)
	Continuous Max	1015 psi (70 bar)
ASTM Line Call Cut F104	F7713130E43M5	
Color		Black
Available Sheet Sizes	Thickness	1/64", 1/32", 1/16", 3/32", 1/8"
	Sheet Sizes	59" x 63" 59" x 126"

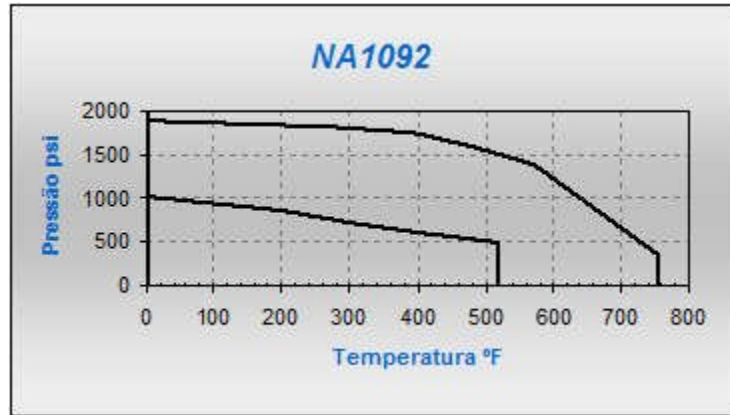
TYPICAL PHYSICAL PROPERTIES		
ASTM Test Method	Property	Value
ASTM F1315	Density	100 lb/ft ³ (1,6g/cc)
ASTM F36A	Compressibility	10-20%
ASTM F36A	Recovery	min 37%
ASTM F152	Tensile Strength	1740 psi (12N/mm ²)
ASTM F146	Thickness Increase	
	<ul style="list-style-type: none"> • ASTM Oil IRM903, 5h/300°F (150°C) • Fuel B, 5h/77°F (25°C) 	max 15%
		max 15%

ASTM F146

Weight Increase

- ASTM Oil IRM903, 5h/300°F (150°C) max 25%
- Fuel B, 5h/77°F (25°C) max 30%

Note: ASTM values for 0.8mm thick sheets



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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