

Compressed Sheet Sanitary Service Gasket Material



Certified to
NSF/ANSI 61

Application:

Drinking Water Service:

Teadit style 1082 SAN is developed to allow compliance for drinking water system components with NSF-61, from source to tap. Certification to NSF-61 provides assurance to a highest level that 1082 SAN is safe for use in drinking water service. The gasket material was also tested and found to be in conformance per US FDA 21 CFR 177.2600.

Isolation:

An added benefit is that Teadit style 1082 SAN has a strong dielectric rating, making it ideal for isolation kit applications where compressed fiber sheet gaskets can be utilized.

Construction:

Teadit style 1082 SAN is specifically formulated to pass criteria established in NSF-61 for sealing materials, as well as providing excellent resistance to conductivity. Compressed Fiber Sheet technology provides mechanical and service characteristics unmatched by standard elastomeric grades.

Availability	Size: 59 x 63 in 59 x 126 in*
	Thickness: 1/64", 1/32", 1/16", 1/8"
Temperature	Continuous Service: 500°F (260°C)
	Maximum Service: 752°F (400°C)
Pressure	Continuous Service: 1160 psi (80 bar)
	Maximum Service: 1595 psi (110 bar)
Color	Blue
ASTM F104	F712120E12M5

*available on special request



Typical Physical Properties:

Dielectric Strength - ASTM D149	18.5 kv/mm (1/16" thk)
Density	121 lb/ft ³ (1.95 g/cm ³)
After 1 hour at 210°F (100°C)	
Compressibility - ASTM F36 J	5-15%
Recovery - ASTM F36 J	50%
Tensile Strength Across Grain - ASTM F152	1885 psi (13N/mm ²)
Thickness Increase - ASTM F146	
ASTM Oil IRM903 Nr. 3 5h / 300 °F (150°C)	15%
Fuel B, 5h / 77 °F (25°C)	10%
Weight Increase - ASTM F146	
ASTM Oil IRM903 Nr. 3 5h / 300 °F (150°C)	15%
Fuel B, 5h / 77 °F (25°C)	10%

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.

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