

TF1572 SAN

Restructured PTFE with Glass Spheres

Description:

TF1572 SAN is a structured PTFE - Gasket - Sheet manufactured by a unique process which provides a high level of fibrillation to overcome the creep relaxation and cold flow problems associated with normal (skived or molded) PTFE sheets. This style is produced from virgin PTFE resin filled with hollow glass microspheres.

Application:

Drinking Water Service:

TF1572 SAN is suitable for service with a wide variety of aggressive media, but is specifically formulated 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 TF1572 SAN is safe for use in drinking water service. The high compressibility of this style makes it particularly suitable for use with stress sensitive and/or fragile flanged joints, e.g. glass, ceramics, plastic, etc.

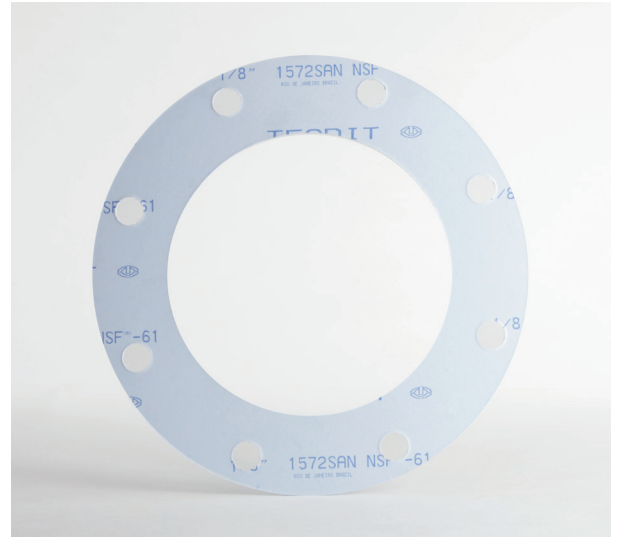
Isolation:

An added benefit is that TF1572 SAN has a strong dielectric rating, making it suitable for isolation kit applications.

Typical Physical Properties:

Compressibility - ASTM F36 M	25-45%
Recovery - ASTM F36 M	30%
Tensile Strength - ASTM F152	2030 psi (14 N/mm ²)
Specific Gravity - ASTM D792	1.70 g/cm ³
Creep Relaxation- ASTM F38	40%
Sealability - ASTM F37 A	0.012ml/h
Sealability - DIN 3535	<.015 cm ³ /min

Note: ASTM test are based on 0.80mm sheet thickness and DIN test is based on 1.50mm sheet thickness



Service Limits:

Minimum Temperature	-450° F (-268°C)
Maximum Temperature	500° F (260°C)
Maximum Pressure	800 psi (55 bar)
pH	0-14

Availability:

TF1572 SAN is available in sheets of 60" x 60"*

Thickness: 1/16", 1/8"

Color: Blue

*59" x 59" is available upon request

Certificates:

NSF-61



Certified to NSF/ANSI/CAN 61

Gasket Factors "m" and "y"⁽¹⁾

Thickness (mm)	"m"	"y" (psi)
1.5	18.5	469
3.2	8.0	291

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.