Readi-Seal™
Expanded PTFE Gasket Sheet

The Universal Solution for cut gaskets

Soft & Conformable

100% Expanded PTFE

FDA Compliant

Corrosion Resistant

Our Expanded PTFE form-in-place Gasket Sheet is ideal for a wide variety of sealing applications, including:

- *Metal, Plastic & Glass-Lined Flanges*
- *Rough, Scratched, Pitted & Otherwise Damaged Flanges*
- *Round, Oval, Rectangular, Complex & Irregular Flanges*
- *Pump & Compressor Housing Flanges*
- *Boiler & Pressure Vessel Manholes & Handholes*
- *Heat Exchangers*
- *Misc Lids, Access Plates, Ducts, etc.*

Readi-Seal™ Expanded PTFE Gasket Sheet

Description

TFCO **Readi-Seal™ Gasket Sheet** is a soft, compressible gasketing material made of 100% pure, multi-directionally expanded PTFE. It is a form-in-place gasket that conforms to almost any sealing surface. Gaskets made from Readi-Seal™ sheet fill in surface irregularities and create an extremely tight seal. It is capable of withstanding a wider range of pressures, temperatures and chemical environments than any other soft gasket.

Readi-Seal™ Sheet can be used in just about any bolted joint that features a flat or serrated sealing surface. It is also easy to install and remove, making it a highly versatile and cost-effective solution for many demanding sealing applications.

Available Sizes

Size (L x W x th)	*Part Number*
Full Sheets	
59” x 59” x 1/16”	SH6060063
59” x 59” x 1/8”	SH6060125
59” x 59” x 1/4"	SH6060250
Quarter Sheets	
29” x 29” x 1/16”	SH3030063
29” x 29” x 1/8”	SH3030125
29” x 29” x 1/4"	SH3030250

Specifications & Testing

Composition	100% PTFE	***ROTT Gasket Constants***	
Density	0.8 g/cc	***Gb***	1740 psi
Temperature Range	-450°F to 500°F (-268°C to 260°C)	***a***	0.169
Pressure Range	F.V. to 3,000 psi (F.V. to 210 Bar)	***Gs***	4.6 psi
Pressure x Temperature (psi x ºF), max	350,000	***ROTT Tightness Parameters***	
FDA Compliant	PTFE to 21 CFR 177.1550	Tp_{min}	18
pH Range	0-14	Tp_{max}	51738
ASTM Testing	ASTM F36 Compressibility 58%	S_{100}	3781 psi
	ASTM F38 Creep Relaxation Method B; 1/32”; 21%	S_{1000}	5573 psi
HOBT2 Reserve Temperatures	541ºF @ 435 psi	S_{3000}	6707 psi
	358ºF @ 1015 psi	S_{10000}	8215 psi