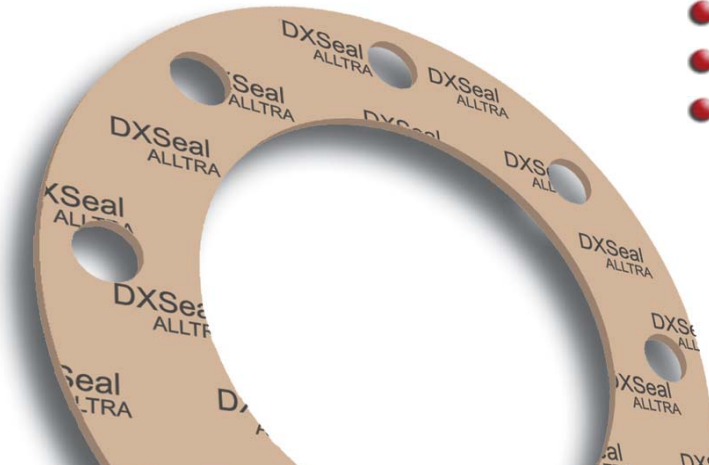


DX Alltra™ 400 ptfе and silica

Alltra™ 400 is a true re-structured PTFE gasket sheet with excellent physical properties to be used in the most demanding applications. Its unique construction which includes premium ptfе resin and silica fillers limits the cold flow problems associated with skived PTFE sheets. Alltra™ 400 is often used in aggressive acids and caustics. Not recommended for hydrofluoric acids. Also, Alltra 400 has been tested and is in conformance per FDA CFR177.2260



- Virgin PTFE Resin and Silica Fillers
- 62" x 62" in thicknesses of 1/16" x 1/8"
- 47" x 47" in thickness of 1/32"

Alltra™ 400 is suitable for a variety of services including aggressive fluids such as acids (except Hydrofluoric) and caustics, hydrocarbon derivatives, solvents, water, steam, chlorine, and more. Will not support bacterial growth and conforms to FDA CFR177.2260 testing.

DX Alltra™ 400 Physical Properties

Color	Fawn
Specific Gravity (g/cm ³)	2.05 g/cm ³
Maximum Service Temperature*	500°F / 260°C
Mimumum Service Temperature*	-350°F / -210°C
Maximum Service Pressure*	1200 psi
Compressibility (after 1 hour at 210° F) - ASTM F36A	7-12%
Recovery ASTM F36A	40% minimum
Creep Relaxation ASTM F38B	18% max
P x T pressure times temperature 1/16" sheet thickness	350,000 psi / 12,000 bar
P x T pressure times temperature 1/8" sheet thickness	250,000 psi / 8,600 bar
Sealability ASTM F37A (ml/hr)	0.2 ml/hr
Sealability DIN 3535 (cm3/min)	< 0.015
Tensile Strength	2030 psi / 14 MPa

* Physical properties and values shown are typical. Specific application data should be evaluated for suitability, through independent study. For specific application recommendations consult DXSeal. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice.

There is an Alltra™ Style for nearly every application

Style	Color	Filler
Alltra™ 440	Blue	glass
Alltra™ 445	Light Blue	glass
Alltra™ 480	Off-white	barium sulfate
Alltra™ 550	White	pure expanded ptfе

