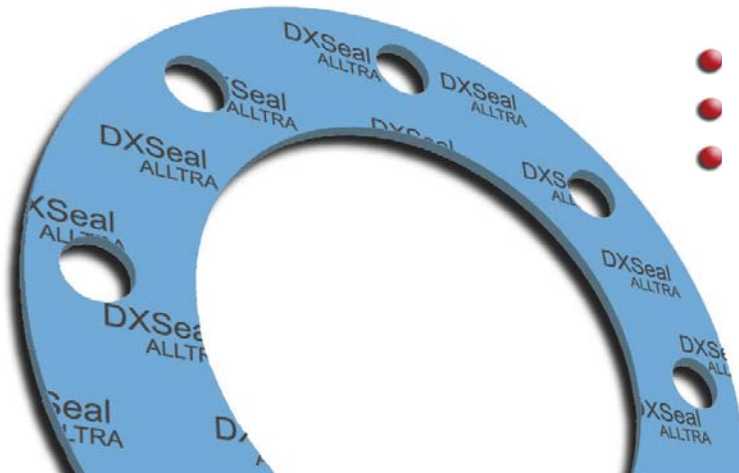


DX Alltra™ 440 ptfе and glass microspheres

Alltra™ 440 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 glass microspheres limits the cold flow problems associated with skived PTFE sheets. Alltra™ 440 is more compressible than styles of Alltra is effective in applications where bolt load is limited by equipment design. Available branded or unbranded.



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

Alltra™ 440 is suitable for a variety of services including aggressive fluids such as acids and caustics, hydrocarbon derivatives, solvents, water, steam, hydrogen-peroxide, refrigerants, and more. The high compressibility of this style makes it particularly suitable for use with stress sensitive joints.

DX Alltra™ 440 Physical Properties

Color	Medium Blue
Specific Gravity (g/cm ³)	.97 g/cm ³
Maximum Service Temperature*	500°F / 260°C
Mimumum Service Temperature*	-350°F / -210°C
Maximum Service Pressure*	790 psi
Compressibility (after 1 hour at 210° F) - ASTM F36A	50%
Recovery ASTM F36A	23% minimum
Creep Relaxation ASTM F38B	40% 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)	0.15 ml/hr
Sealability DIN 3535 (cm3/min)	< 0.019
Tensile Strength	2000 psi / 13.7 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™ 400	Fawn	silica
Alltra™ 445	Light Blue	glass
Alltra™ 480	Off White	barium sulfate
Alltra™ 550	White	pure expanded ptfе

