

DX Alltra™ 480 ptfе and barium sulfate

Alltra™ 480 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 barium sulfate fillers nearly eliminates cold flow problems and makes Alltra™ 480 one of the finest gasket materials available anywhere.



- Virgin PTFE Resin and Barium Sulfate fillers
- 62" x 62" in thicknesses of 1/16" x 1/8"
- 47" x 47" in thickness of 1/32"

Alltra™ 480 is suitable for a variety of services including acids and strong caustics, chlorine, gases, water, steam, hydrocarbons, hydrogen and aluminum fluoride. For more information about chemical compatibility of Alltra™ 480, visit our web site at www.dxseal.com

DX Alltra™ 480 Physical Properties

Color	Off-white
Specific Gravity (g/cm ³)	2.90 g/cm ³
Maximum Service Temperature*	500°F / 260°C
Minimum Service Temperature*	-350°F / -210°C
Maximum Service Pressure*	1200 psi
Compressibility (after 1 hour at 210° F) - ASTM F36A	4-10%
Recovery ASTM F36A	40% minimum
Creep Relaxation ASTM F38B	10% 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)	0.04 ml/hr
Sealability DIN 3535 (cm ³ /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™ 400	Fawn	silica
Alltra™ 440	Blue	glass
Alltra™ 445	Light Blue	glass
Alltra™ 550	White	pure expanded ptfе

