

DX Alltra™ 550ex ptfе

Alltra™ 550ex is made in a process that produces a uniform and highly fibrillated microstructure with equal tensile strength in all directions. The result material is much softer and more flexible than any other form of PTFE sheet and as a gasket, conforms easily to irregular and rough surfaces. In addition, the material is easier to compress and minimizes creep and cold flow, associated with skived PTFE sheet.

- Virgin, expanded PTFE Resin
- 60" x 60" in thicknesses of 1/16", 1/8", & 1/4"
- FDA suitable (FDA 21 CFR 177.1550)

Alltra™ 550ex will seal all aggressive chemicals over the entire 0-14 pH range except for molten alkali metals and elemental fluorine. Made from 100% virgin PTFE, and will not contaminate or discolor end products. It can safely replace all other PTFE sheets. For more information about chemical compatibility of Alltra™ 550ex, visit our web site at www.dxseal.com

DX Alltra™ 550ex Physical Properties

Color	White
Density (lb/ft ³)	53 lb/ft ³
Maximum Service Temperature*	500°F / 260°C
Minimum Service Temperature*	-450°F / -268°C
Maximum Service Pressure*	full vacuum to 3000 psi
Compressibility (after 1 hour at 210° F) - ASTM F36A	65%
Recovery ASTM F36A	12% minimum
Creep Relaxation ASTM F38B	32% at 212°F / 16% at 73°F
Sealability ASTM F37A (ml/hr)	0.0ml/hr
Sealability DIN 3535 (cm ³ /min)	< 0.16
FDA Compliant	FDA 21 CFR 177.1550

* 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™ 480	Off White	barium sulfate

