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Teadit® 24SH

Teadit® 24SH 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. Teadit® 24SH will seal all aggressive chemicals over the entire 0-14 pH range except for molten alkali metals and elemental fluorine. Teadit® 24SH is made from 100% virgin PTFE, and will not contaminate or discolor end products.



Teadit® 24SH		Physical Properties
Color		White
Compound		100% Virgin PTFE
Service Temperature Limits		-450 to 500 ° F
Maximum Service Pressure		Full Vacuum to 2900 psi
Compressibility ASTM F36A (1 hr @ 210 °F)		45 %
Recovery ASTM F36A		14 %
Stress Retention . DIN 52913		> 15 MPa
Sealability ASTM F37A		0.01 ml/hr
Sealability DIN 3535		<0.016 cu. cm/min.
Density		56 lbs. / cu. ft.
Tensile Strength Across Grain ASTM F152		> 2900 psi
pH		0 to 14