

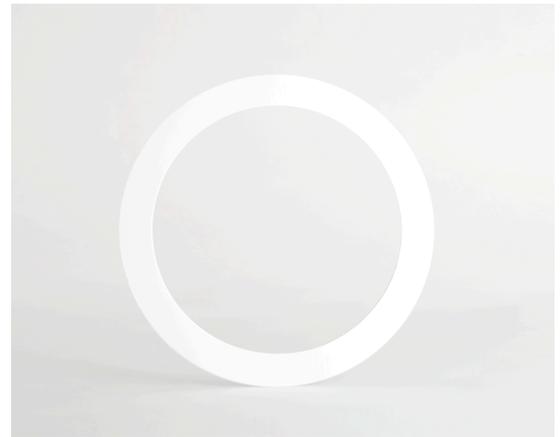
TF 1550

Mechanical Grade PTFE Sheet

Description/ Application:

Style TF1550 PTFE (polytetrafluoroethylene) is a high molecular weight polymer and one of the most versatile plastics known to man. This sheet can handle virtually all chemicals in the 0-14 pH range with the exception of molten alkali metals and elemental fluorine. It is suitable for service at temperatures from the cryogenic range up to 500°F. This sheet is particularly recommended for applications in the industrial and process industries where high purity materials are not required. It is more economical than virgin PTFE sheet and the physical properties are only somewhat less than those of virgin PTFE.

Availability	Size: 48 x 48 in 60 x 60 in 48 x 60 in - wide continuous rolls
	Thickness: 1/64", 1/32", 1/16", 3/32", 1/8", 3/16", 1/4"
Temperature	Minimum Service: -328°F (-200°C)
	Maximum Service: 500°F (260°C)
Color	White



Typical Physical Properties:

Tensile Strength at 73°F - D638-61T	1500-2400 psi
Elongation - D638-61T	75-200%
Hardness Durometer - D1700-61	-
Water Absorption - D570-59aT	0.001%
Static Coefficient of Friction at 73°F	-
Dielectric constant (1000 cps) - D150-59T	2.26
Dielectric Strength in Air - D257-61	450 volts/mil
Coefficient of Thermal Expansion at 73°F - D696-44	-
Coefficient of Thermal Conductivity - D177-45	-
Specific Gravity - D792-60T	2.15-2.2
Deformation - D621-59	
73°F, 1500 psi, 24hr	-
100°F, 1500 psi, 24hr	-
200°F, 1500 psi, 24hr	-
Impact Strength, Izod - D256-56	
73°F Average	-
170°F Average	-

Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.

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