

PTFE SHEET (Teflon®)

PTFE (also known by the trade name Teflon®) has a very high melting point, and is capable of continued service at 500F (260 C). PTFE products are used as gasket and packing materials in chemical processing equipment; as electrical insulation for maximum reliability; and in bearings, seals, piston rings and other mechanical applications -especially those requiring anti-stick characteristics. PTFE has excellent thermal and electrical insulation properties, and it has a low coefficient of friction. PTFE is known for its non-stick properties. Materials may stick to it but can be peeled off or rubbed off. Available in virgin or mechanical grade.

COLOR	WHITE	TENSILE ELONGATION AT BREAK	300%
DUROMETER HARDNESS SHORE D	50	DENSITY	0.078 lbs/ft ³
TENSILE STRENGTH	3900 PSI	COMPRESSIVE STRENGTH	3500 PSI
WATER ABSORPTION (24 HOURS)	0.05%	DIELECTRIC STRENGTH WEIGHT (1/8" PER SF)	285 v/mil 1.5 lbs