

PTFE SKIVED FILMS

T-500 HIGH-MODULUS

T-500 HIGH MODULUS Skived PTFE Film is manufactured by **Saint-Gobain**® Performance Plastics Corporation, Tape Solutions business, and comes with an oriented, skived PTFE film engineered for critical dimensional and electrical applications. T-500 also has the same thermal and chemical resistance characteristics as our T-100 Skived Film with the advantage of higher tensile strength, dielectric strength and lower elongation.

**Previously known as*

CHEMFILM® T-500 HIGH MODULUS



FEATURES AND BENEFITS

- High tensile strength
- Low elongation
- High dielectric strength
- Virgin PTFE film
- Outstanding heat and chemical resistance

AVAILABILITY

- Standard widths of 18" and 24" wide in continuous roll stock on industry standard 3" ID cardboard cores.
- Customized solutions available

APPLICATIONS

- High temperature wire and cable insulation
- Aerospace and automotive wire harness wrap

*Pictures shown are for illustration purpose only.

TYPICAL PROPERTIES

Thickness	2.0 mil	3.0 mil	4.0 mil	5.0 mil	Unit
Thickness Tolerance (+/-)	0.3	0.3	0.3	0.3	mil
Standard Widths	18, 24	18, 24	18, 24	18, 24	inches
Tensile Strength (minimum)	10,000	10,000	10,000	8,000	psi
Elongation (minimum)	100	100	125	125	%
Dielectric Strength	8,000	9,000	13,000	13,000	total Volts
Specific Gravity	2.14	2.14	2.14	2.14	g/cm ³

The values presented are typical values and should not be used for specification purposes. Contact your **Saint-Gobain** Tape Solutions representative for more information.

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