

High Modulus Skived PTFE Film

CHEMFILM[®] T-500 High Modulus Skived PTFE film is 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.

Features/Benefits

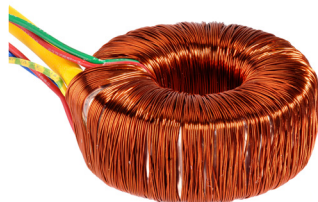
- High tensile strength
- Low elongation
- High dielectric strength
- Virgin PTFE film
- Outstanding heat and chemical resistance
- RoHS and REACH compliant

Availability

T-500 PTFE film is available in standard widths of 18" and 24" wide in continuous roll stock on 3" ID cores. Customized solutions available.

Applications

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



CHEMFILM® T-500 High Modulus Properties

Performance tests are run using standard test procedures.

The values presented are typical values and should not be used for specification purposes.

Properties	T-500			
Thickness	2.0 mil	3.0 mil	4.0 mil	5.0 mil
Thickness Tolerance (+/-)	0.3 mil	0.3 mil	0.3 mil	0.3 mil
Tensile Strength (minimum)	10,000 psi	10,000 psi	10,000 psi	8,000 psi
Elongation (minimum)	100 %	100 %	125 %	125 %
Dielectric Strength	8,000 total volts	9,000 total volts	13,000 total volts	13,000 total volts
Specific Gravity	2.14 g/cm ³			

CHEMFILM® is a registered trademark.



Saint-Gobain

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