

## NORGARD PTFE SKIVED FILMS

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 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



### TYPICAL APPLICATIONS:

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



# MATRIX PRECISION CONVERTING

*Your Application. Our Expertise.*

Matrix specializes in precision cutting and converting of engineered materials to meet the exact specifications required by manufacturers. Our state-of-the-art equipment and expertise ensure precise customization, providing manufacturers with streamlined solutions to enhance their product quality and performance.



**PTFE SKIVED FILMS: T-500 HIGH-MODULUS**

## 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 <sup>3</sup>

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