

# CHEMFILM® T100 Premium PTFE Skived Film

**CHEMFILM® T-100** Premium Skived PTFE film is manufactured from the highest quality virgin PTFE resins, sintered and skived to the appropriate thickness. It is engineered to meet the requirements of demanding electrical, mechanical and industrial applications. CHEMFILM® T-100 exhibit minimal skive line and pinholes and have high tensile strength and elongation. Both sheet and film are widely used in a number of industries due to the material's outstanding characteristics, including heat and chemical resistance, dielectric strength and anti-stick properties. The sheet and film may also be chemically etched on one of both sides for bondability.

## Features & Benefits:

- Outstanding heat and chemical resistance
- Continuous operating temperature of 260°C
- Meet or exceeds ASTM D3308 Type II, Grade I Classification
- RoHS and REACH compliant

## Applications:

- Oil & Gas down-hole cable splicing
- High frequency microwave laminates
- Printed circuit board construction
- Release and non-stick surfaces
- Flexible hose construction
- Gaskets
- Bearing and abrasion resistant surfaces
- High temperature and chemical resistant applications
- Chemical storage containers
- Diaphragms

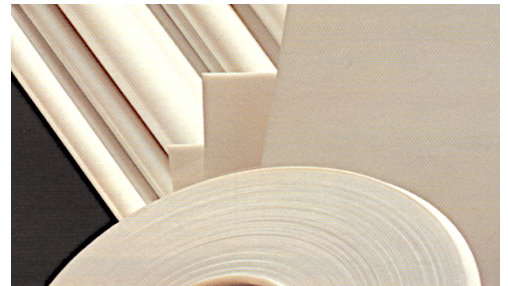
## Size Availability:

Standard full width: 609 mm, 914 mm, 1,219 mm, 1,270 mm.

Standard roll size: 25 mm wide x 9 metres for downhole application

Custom sizes: 6 mm to 1.270 mm wide x 9 metres to 30 metres

\*Die-cut and lamination services are also available



CHEMFILM® T100 Premium Skived PTFE Film Data Sheet	
Colour	Milky White
Thickness	0.127 mm to 3.175 mm
Density	2.14 – 2.19 g/cm <sup>3</sup>
Tensile Strength (minimum)	3,500 psi
Elongation (minimum)	300%
Dielectric Strength	1,680 volts/mil
Hardness (Shore D)	54
Yield	88.6 ft <sup>2</sup> /lb per mil
Operating Temperature	-73°C to +316°C



For Technical Service Support and Supplies : Contact Exclusive Asia Distributor and Converter

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