



Thermobondable Cast PTFE Film Products Series

CAST PTFE FILM FOR CHEMICAL, THERMAL AND MECHANICAL APPLICATIONS

Cast Film Thermobondable Products :

TCI has a cast fluoropolymer film product line that consists of a PTFE core with a thin layer of FEP or PFA on one surface to create a thermally bondable film.

Several colors and bondable layers are available.

Variations Available:

- Thermally bondable surface on one face
- Available un-pigmented (natural/clear)
- Available pigmented in colors including red, blue, white, yellow & tan



THERMOBONDABLE CAST PTFE FILM PRODUCTS PROPERTIES

Weight Conversion (lbs to sq ft):	One pound of 1 mil film yields 90 sq ft
Thickness Range inches (mm):	0.001" to 0.005" (0.0254 mm to 0.127 mm)
Maximum Width: inches (mm)	60" (1524mm)
Service Temperature: °F (°C)	-328 to 500 (-200 to 260)
Tensile Strength, typical*, (psi):	4800
Elongation, minimum (%):	400
Dielectric Constant (60-10⁸ Hz):	2.0
Power/Dissipation:	<0.0001
Surface Resistivity:	1x10 ¹⁸
Volume Resistivity:	>10 ¹⁵
Dielectric Strength (volts/mil):	4200
Surface Arc Resistance:	Does not arc

*0.002" (50 µm) film

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TEXTILES COATED INTERNATIONAL | Manufacturer of High-Performance Fluoropolymer Films, Laminates, and Composites

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