

SINTERED EXTRUDED PTFE FILMS

E124

E124 Sintered Extruded PTFE Film is a high modulus PTFE film manufactured by extrusion and sintering processes. The physical properties of sintered extruded PTFE film exceed the physical properties of skived PTFE films.

**Previously known as*
**FLUOROWRAP® E124 SINTERED EXTRUDED
PTFE FILM**



FEATURES AND BENEFITS

- High dielectric strength
- High chemical resistance
- Low moisture absorption
- Resistance to permeability
- High temperature insulation
- High modulus
- Operating temperature range -100°F (-73°C) to +500°F (260°C)

AVAILABILITY

- Available in natural as a standard product and in white and colors with minimum order requirements
- Supplied on industry standard 3" (76 mm) ID cores
- Approximate full width is 9" (229 mm)
- Slit widths are available at 0.10" (2.5 mm) and wider
- Customized solutions available

APPLICATIONS

- High temperature wire and cable
- Coil winding
- Gaskets
- Diaphragms



TYPICAL PROPERTIES

Property	2.0 mil	3.0 mil	4.0 mil	5.0 mil	10.0 mil	Unit
Thickness (metric)	0.051	0.076	0.102	0.127	0.254	mm
Density	2.17	2.17	2.17	2.17	2.17	g/cm ³
Tensile Strength (minimum)	5,500	6,000	7,500	6,000	5,500	psi
	38	41	52	41	38	MPa
Elongation (minimum)	150	250	300	300	300	%
Dielectric Strength	6,000	8,000	9,000	11,000	15,000	total Volts
Approximate Yield	43.5	29.0	21.7	17.4	8.7	ft ² /lb
	8.9	5.9	4.4	3.6	1.8	m ² /kg

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

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

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