

UNSINTERED EXTRUDED PTFE FILMS

E125

E125 Sintered Extruded PTFE Film is engineered to be a versatile, high quality film for use in a variety of electrical applications.

**Previously known as*
**FLUOROWRAP® E125 UNSINTERED
EXTRUDED PTFE FILM**



FEATURES AND BENEFITS

- High temperature insulation
- High thermal and chemical resistance
- High dielectric strength
- Conformable
- Micro-pore structure

AVAILABILITY

- Available in white or natural
- Available on industry standard 3" (76 mm) ID cores in flat pad, traverse wound or StablEdge™ configuration
- Slit widths are available at 0.10" (2.5 mm) and wider
- Customized solutions available

APPLICATIONS

- High temperature cable insulation
- Wire harness wrapping
- Coil winding
- Zinc-air batteries

*Pictures shown are for illustration purpose only.

TYPICAL PROPERTIES

Property	2.0 mil	3.0 mil	4.0 mil	10.0 mil	Unit
Thickness (metric)	0.051	0.076	0.102	0.254	mm
Density	1.6	1.6	1.6	1.6	g/cm ³
Tensile Strength MD (minimum)	1,800	1,800	1,500	800	psi
	17.2	15.8	15.2	6.9	MPa
Elongation MD (minimum)	150	250	300	300	%
Dielectric Strength	6,000	8,000	9,000	15,000	Volts
Approximate Yield	60.2	40.1	30.1	12.0	ft ² /lb
	12.3	8.2	6.2	2.5	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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