

UNSINTERED EXTRUDED PTFE FILMS

E125

E125 Sintered Extruded PTFE Film is manufactured by **Saint-Gobain®** Performance Plastics Corporation, Tape Solutions business, and is intended 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

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.

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