

## SINTERED EXTRUDED PTFE FILMS

# E124

**E124** Sintered Extruded PTFE Film is manufactured by **Saint-Gobain®** Performance Plastics Corporation, Tape Solutions business, and comes with 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 <sup>3</sup>
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 <sup>2</sup> /lb
	8.9	5.9	4.4	3.6	1.8	m <sup>2</sup> /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.



### TAPE SOLUTIONS

North America | South America  
Europe | Asia

For more information, please visit  
[tapesolutions.saint-gobain.com](https://tapesolutions.saint-gobain.com)

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