

UNSINTERED EXTRUDED PTFE FILMS

B GRADE

B UNSINTERED EXTRUDED PTFE FILM is engineered to meet the controlled porosity requirements of Zinc-Air battery applications. The **Saint-Gobain®** extrusion process provides the longest splice free/joint free lengths and highest uniform physical properties.

**Previously known as*

**FLUOROWRAP® B UNSINTERED EXTRUDED
PTFE FILM**



FEATURES AND BENEFITS

- Micro-pore structure
- High tensile strength
- Long joint free lengths

AVAILABILITY

- Colors: Available in white or natural.
- Available in industry standard 3" (76 mm) ID cores in flat pad, traverse wound or StablEdge™ configuration
- Customized solutions available

APPLICATIONS

- Zinc-air batteries

*Pictures shown are for illustration purpose only.

TYPICAL PROPERTIES

Property	Value	Unit
Thickness	4.0	mil
	0.102	mm
Thickness Tolerance	± 5	% of Nominal
Density	1.55	g/cm ³
Density Tolerance	± 0.05	g/cm ³
Porosity	50 - 140	(sec)
Tensile Strength MD (minimum)	2,000	psi
	14	MPa
Tensile Strength MD (minimum)	225	psi
	1.6	MPa
Elongation (minimum)	175	%

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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