

NORTON®

UNSINTERED EXTRUDED PTFE FILM E125

E125 Unsintered PTFE Film is a versatile, high quality, unsintered PTFE film with excellent dielectric strength and conformability. These qualities make it suitable for a variety of electrical applications, such as coil winding, wrapping wire harnesses, wire bundles and primary, high temperature cable insulation. The chemical resistance and microporosity of this film also makes it suitable for use in Zinc–air battery applications.

Typical Properties

Total Thickness in./mm	Specific Gravity grams/cc	Long Tensile psi	Elongation percent	Approx. Yield sq. ft./lb.	Air Resistance Gurley sec.
.002 / .051	1.6	1800	50	60.2	Available
.003 / .076	1.6	1800	50	40.1	Upon
.004 / .102	1.6	1500	85	30.1	Request
.010 / .254	1.6	800	100	12.0	

Values shown are typical and should not be used for specifications. All data is subject to change without notice. In all instances the user shall determine the suitability in any given application.

Availability

E125 is available in white or natural and supplied on 3" ID cores, in flat pad or traverse wind configuration. Customized packaging and products are available. Certification and test reports are available upon request.

Other Products

Saint-Gobain manufactures a complete line of high performance PTFE films, fabrics and pressure sensitive tapes, for use in the wire and cable industry.

- **Quality, High Temperature Insulation**
- **Excellent Service and Availability**
- **Customized Products**

To place an order call Customer Service
toll free: (800) 962-2666, Fax: (800) 526-8479

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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