

NORTON®

SINTERED EXTRUDED PTFE FILM E124

E124 Sintered PTFE Film is a quality high modulus PTFE film manufactured by extrusion and sintering processes. The resulting film is characterized by high dielectric strength and chemical resistance, low moisture absorption and resistance to permeability. Physical properties of sintered extruded PTFE film exceed that of skived PTFE films. Applications include primary wire and cable insulation, coil winding, premium gasketing and diaphragm applications. Operating temperatures range from -100°F to +500°F.

Typical Properties

Total Thickness in./mm	Specific Gravity grams/cc	Long Tensile psi	Elongation percent	Dielectric Strength total volts	Approx. Yield sq. ft./lb.
.002 / .051	2.17	5500	150	6000	43.5
.003 / .076	2.17	6000	250	8000	29.0
.004 / .102	2.17	7500	300	9000	21.7
.005 / .127	2.17	6000	300	11000	17.4
.010 / .254	2.17	5500	300	15000	8.7

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

E124 is available in natural as a standard product and in white or colors with minimum order requirements. The material is supplied on 3" ID cores, approximate full width is 9".

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, and convoluted hose industries.

- **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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