

NORTON[®]

High Performance Films

T-100 PREMIUM GRADE

Skived PTFE Film

Norton[®] Premium grade skived PTFE film is manufactured from the Highest quality virgin PTFE resins and are designed to meet the requirements of most electrical, mechanical and industrial applications. T-100 Premium skived film is available in thicknesses ranging from half mil to 125 mils.

Typical Properties

| Property | Units | T-100 |
|-----------------------|--|-------------|
| Thickness | in. | 0.001–0.125 |
| | mm | 0.025–3.10 |
| Density | g/cm ³ | 2.13–2.19 |
| Tensile Strength** | psi min. | 4000 |
| | MPa min. | 27.5 |
| Elongation at Break** | % | 280 |
| Hardness** | “Shore D” | 54 |
| Area Yield | ft. ² /lb. (per mil of thickness) | 88.0 |
| | m ² /kg (per mil of thickness) | 18.2 |

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.

** Standard values consistent with ISO 13000-1 PTFE semi finished products grade 1.

T-100 meets the physical requirements of AMS 3652. Sodium etch treatment meets the requirements of AMS 2491.

Typical Applications

Printed circuit board construction, flex circuit release sheets, wire and cable insulation, flexible hose construction, gaskets, non-stick surfaces, bearing and abrasion resistant surfaces, high temperature and chemical-resistant applications.

Availability

T-100 Premium grade skived PTFE film is available in standard widths of 24", 36", 48" and 50" wide, supplied on 3" ID cardboard cores. For custom slit widths and minimum order quantities, please consult the factory. T-100 Premium grade skived PTFE film is also available etched on one side for bonding.

- Virgin PTFE Film
- Excellent Service and Availability
- Outstanding Heat and Chemical Resistance
- Electrical, Mechanical and Industrial Applications

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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