

NORTON®

EXTRUDED PTFE FILM R128 AND R129

R128 and R129 Premium extruded PTFE Films are designed for use as the primary insulation for high temperature wire and cable and wall construction for convoluted hose. They are available in white and natural as R128 and in many colors as R129. These products are used in the most demanding applications requiring high performance and close tolerances. They are easily applied with industry tape wrapping and sintering equipment and provide excellent dielectric strength, and thermal and chemical resistance. R128 and R129 meet the requirements of component insulation to MIL-W-16878/4A, 7139B, MIL-W-22759B and NAS703.

Typical Properties

| Total Thickness | Specific Gravity | Longitudinal Tensile | Elongation | Width Tensile | Approx. Yield |
|-----------------|------------------|----------------------|------------|---------------|---------------|
| in./mm | grams/cc | psi | percent | psi | sq. ft./lb. |
| .002 / .051 | 1.6 | 2500 | 75 | 250 | 60.2 |
| .003 / .076 | 1.6 | 2300 | 125 | 275 | 40.1 |
| .004 / .102 | 1.6 | 2200 | 125 | 350 | 30.1 |
| .005 / .127 | 1.6 | 1900 | 150 | 350 | 24.1 |
| .010 / .254 | 1.6 | 1000 | 300 | 375 | 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

R128 and R129 are available 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, and convoluted hose industries.

- **Premium, High Temperature Insulation**
- **Colors Available**
- **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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