

2819/2829

GLASS-PTFE (ZONE)

Saint-Gobain Performance Plastics CHR® 2819 and 2829 are manufactured from PTFE (polytetrafluoroethylene)-coated fiberglass with either acrylic transfer adhesive (2829) or bonded to high-temperature masking tape (2819).

Typical Properties

| Product | 2819-3 (R) | 2819-5 (R) | 2829-3 (R) | 2829-5 (R) |
|-----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Backing Material | PTFE-Coated Fiberglass Fabric | PTFE-Coated Fiberglass Fabric | PTFE-Coated Fiberglass Fabric | PTFE-Coated Fiberglass Fabric |
| Adhesive Type | Acrylic | Acrylic | Acrylic | Acrylic |
| Backing Thickness (in.) | .0030 | .0047 | .0030 | .0047 |
| Tensile Strength (lbs./in.) | 90 | 175 | 90 | 175 |
| Elongation (% at break) | <5 | <5 | <5 | <5 |
| Operating Temperature (°F) | -20 to 350 | -20 to 350 | -20 to 350 | -20 to 350 |
| Color | Tan | Tan | Tan | Tan |

Values shown are typical. Certified test reports for writing specifications are available.

Applications—Saint-Gobain Performance Plastics 2819/2829, Zone Tapes, are used primarily in the packaging industry as cover tapes for heating elements. When adhesive contact with hot bars or wires is not desirable or recommended, Zone Tapes take the danger out of plastic sealing. Also, Zone Tapes are popular as a covering for more expensive components, like silicone foam and could be disposable/replaceable at much lower cost.

Features/Benefits—2819 is a low-cost construction employing 1" high temperature masking tape attached to PTFE coated fabric with 1/2" overlap either side. This could be attached to any cut width fabric, just add 1" to the desired "dead zone" without adhesive. 2829 is a more sophisticated, higher cost alternative manufacture to customer specification using transfer adhesive laminated to fabric. Special tooling is required to apply specified width adhesive zones between specified width dead zones.

Availability—These are custom products. Please call Customer Service or your District Sales Manager for availability, standard put-ups, tooling charges (if required) and pricing.

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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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