**Skived PTFE Film**

FLUOROWRAP® 191 Skived PTFE Film is engineered from the highest quality virgin PTFE resins. FLUOROWRAP® 191 is ideal for electrical insulation applications where chemical and high temperature resistances are paramount.

**Features/Benefits**

- Outstanding heat and chemical resistance
- High dielectric strength
- High tensile strength and elongation

**Availability**

FLUOROWRAP® 191 Skived PTFE Film is available in standard widths from ¼” (6.35 mm) up to 1” (25.4 mm) wide on industry standard 3” (76 mm) ID cores. Customized solutions available.

**Applications**

- Electrical cable harness wrap
- Wire and cable insulation
- Flexible hose construction
- High temperature, high dielectric strength and chemical resistant applications
The data and details in this document were correct and up-to-date at the time of printing and are intended to provide information on our products and their possible applications. It is the user’s responsibility to obtain the latest version of the product data sheet. This data sheet is not a specification and does not assure specific product characteristics or make reference to the suitability of the product for a specific application. Because Saint-Gobain cannot anticipate or control every application, we strongly recommend testing of this product under individual application conditions. The application, use and conversion of this product are the user’s responsibility.

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics 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).

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**FLUOROWRAP® 191 Properties**

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

<table>
<thead>
<tr>
<th>Property</th>
<th>English Units</th>
<th>Metric Units</th>
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</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1.0 mil – 10.0 mil</td>
<td>0.025 mm – 0.25 mm</td>
</tr>
<tr>
<td>Density</td>
<td>2.14 – 2.19 g/cm³</td>
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</tr>
<tr>
<td>Tensile Strength (minimum)</td>
<td>3,500 psi</td>
<td>24 MPa</td>
</tr>
<tr>
<td>Elongation (minimum)</td>
<td>300 %</td>
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<tr>
<td>Dielectric Strength</td>
<td>1,680 volts/mil</td>
<td>66 kV/mm</td>
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<tr>
<td>Hardness</td>
<td>54 “Shore D”</td>
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</tr>
<tr>
<td>Yield</td>
<td>88.6 ft²/lb/mil</td>
<td>-</td>
</tr>
</tbody>
</table>

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