### Thermocouple Wire

**PFPP Extruded PFA Teflon**

**PRODUCT DESCRIPTION**

- Color-coded PFA Teflon is extruded over each single conductor.
- A PFA Teflon jacket is extruded over the insulated parallel singles to form a duplex construction.

**PERFORMANCE FEATURES**

- Designed for continuous use at temperatures to 500°F (260°C), intermittent use to 550°F (290°C).
- Provides the highest temperature rating of our extruded products.
- Excellent moisture and chemical resistance; good abrasion resistance.
- Very smooth finish on outer jacket.

**APPLICATIONS**

- Food processing plants
- Glass, ceramic and brick plants
- Power plants

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**PFAPT Extruded, Shielded PFA Teflon**

**PRODUCT DESCRIPTION**

- Color-coded PFA Teflon is extruded over each single conductor.
- Insulated conductors are twisted with a stranded drain wire, and the twisted construction is covered with an aluminum/Kapton tape. A PFA Teflon jacket is extruded over the shielded pair.

**PERFORMANCE FEATURES**

- Designed for continuous use at temperatures to 500°F (260°C), intermittent use to 550°F (290°C).
- Twisted/Shielded construction minimizes electrical interference.
- Excellent abrasion, moisture and chemical resistance.

**APPLICATIONS**

- General plant installations
- Aerospace
- Glass, ceramic and brick plants
- Power generating

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### Insulation Color Code: Positive - Yellow

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Insulation</th>
<th>Type Wire</th>
<th>AWG No.</th>
<th>Temperature (°F)</th>
<th>Nominal Size (in)</th>
<th>Weight/1000 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-20-PFPP</td>
<td>PFA Teflon</td>
<td>Solid</td>
<td>20</td>
<td>500 550</td>
<td>.056 x .090</td>
<td>7</td>
</tr>
<tr>
<td>K-20-PFAPT</td>
<td>PFA Teflon</td>
<td>Solid</td>
<td>20</td>
<td>500 550</td>
<td>.056 x .090</td>
<td>7</td>
</tr>
<tr>
<td>K-24-PFPP</td>
<td>PFA Teflon</td>
<td>Solid</td>
<td>24</td>
<td>500 550</td>
<td>.056 x .090</td>
<td>7</td>
</tr>
</tbody>
</table>

### Insulation Color Code: Negative - Red

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Insulation</th>
<th>Type Wire</th>
<th>AWG No.</th>
<th>Temperature (°F)</th>
<th>Nominal Size (in)</th>
<th>Weight/1000 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>J-20-PFPP</td>
<td>PFA Teflon</td>
<td>Solid</td>
<td>20</td>
<td>500 550</td>
<td>.056 x .090</td>
<td>7</td>
</tr>
<tr>
<td>J-20-PFAPT</td>
<td>PFA Teflon</td>
<td>Solid</td>
<td>20</td>
<td>500 550</td>
<td>.056 x .090</td>
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</tr>
<tr>
<td>J-24-PFPP</td>
<td>PFA Teflon</td>
<td>Solid</td>
<td>24</td>
<td>500 550</td>
<td>.056 x .090</td>
<td>7</td>
</tr>
</tbody>
</table>

### Insulation Color Code: Overall - Brown

<table>
<thead>
<tr>
<th>Insulation Color</th>
<th>Positive - Yellow</th>
<th>Negative - Red</th>
<th>Overall - Brown</th>
</tr>
</thead>
</table>

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