HOOK-UP WIRE
TFE TEFLO® INSULATION
MIL-W-16878E (TYPE E)++
UL 1213
200°C, 600 VOLT

CERTIFIED PERFORMANCE - HIGH-RELIABILITY
TFE TEFLO® INSULATION
Alpha's TFE Teflon wire family includes a full range of sizes, colors, conductor types and voltage ratings for both commercial (UL styles) and high reliability military OEM products.

Alpha's TFE Teflon is rated for continuous operation in temperatures from -60°C to 200°C and retains its exceptional toughness and flexibility within this range. TFE Teflon is not degraded by chemicals which makes it ideal for use in harsh environments. Teflon is widely regarded as the ultimate high performance wire insulation material for environments characterized by extreme thermal or chemical conditions.

**CHOOSE TFE TEFLO® FOR:**
- Resistance to All Chemicals
- High Temperature Use Up To 200°C
- Low Coefficient of Friction
- Outstanding Electrical Properties

**TFE TEFLO® APPLICATIONS:**
- Military Harnessing
- Medical Electronics
- Power Supply Lead Wire
- Appliance Wiring

**CHARACTERISTICS**

**Operating Temperature:**
- -60°C to 200°C (UL 105°C)

**Voltage Rating:**
- 600 Volt (UL: Voltage Not Specific)

**Product Description:**
- Conductor: Stranded or Solid Silver Plated Copper
- Insulation: Color-Coded, Extruded TFE Teflon

**SPECIFICATIONS**
- UL AWM Style 1213
- MIL-W-16878E Types E

**AVAILABILITY**
- 100 ft (30.5m), 1000 ft (305m) put-ups
  - 1000 ft put-ups may contain multiple lengths

HOOK-UP WIRE

STRANDED CONDUCTOR
### SOLID CONDUCTOR

<table>
<thead>
<tr>
<th>Alpha Part No.</th>
<th>Conductor AWG</th>
<th>Insul. Thickness Inches</th>
<th>Insul. Thickness mm</th>
<th>Diameter Inches</th>
<th>Diameter mm</th>
<th>Stock Colors*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2853/1</td>
<td>26</td>
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<td>0.036</td>
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<td>0.052</td>
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<td>0.010</td>
<td>0.25</td>
<td>0.060</td>
<td>1.52</td>
<td>1-3</td>
</tr>
</tbody>
</table>

*See Color Chart Below

+Not UL AWM Style 1213
++All product supplied is to the MIL-W-16878 E revision. Revision F product can be supplied upon request, subject to minimum order quantity and lead time requirements.

Teflon® is a registered trademark of E.I. Dupont

**STOCK COLOR CHART**

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
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<tbody>
<tr>
<td>1-White</td>
<td>3-Red</td>
</tr>
<tr>
<td>2-Black</td>
<td>4-Green</td>
</tr>
<tr>
<td>5-Yellow</td>
<td>6-Blue</td>
</tr>
<tr>
<td>7-Brown</td>
<td>8-Orange</td>
</tr>
<tr>
<td>9-Gray</td>
<td>10-Violet(purple)</td>
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</tbody>
</table>

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