

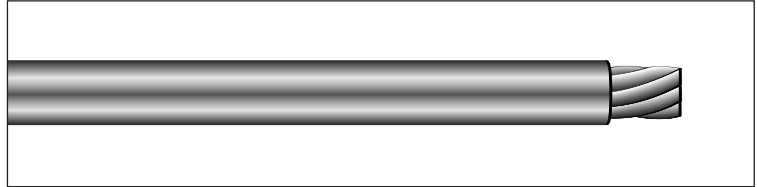
**MIL-W-16878E (TYPE EE)††, 200°C, 1000V  
UL 1180, 200°C, 300V  
RoHS COMPLIANT**

**HOOK-UP WIRE  
TFE TEFLON® INSULATION**

**CERTIFIED PERFORMANCE –  
HIGH-RELIABILITY  
TFE TEFLON® INSULATION**

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.

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.



Part No.	Type Designation	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Color*
				Inches	mm	Inches	mm	
<b>5874</b>	EE-24	24	19/36	0.014	0,35	0.052	1,32	1-10
<b>5875</b>	EE-22	22	19/34	0.014	0,35	0.059	1,49	1-10
<b>5876</b>	EE-20	20	19/32	0.014	0,35	0.067	1,70	1-10
<b>5877</b>	EE-18	18	19/30	0.014	0,35	0.078	1,98	1-10
<b>5878</b>	EE-16	16	19/29	0.014	0,35	0.086	2,18	1
<b>5879</b>	EE-14	14	19/27	0.017	0,43	0.105	2,67	1
<b>5879/12</b>	EE-12	12	19/25	0.017	0,43	0.124	3,15	1
<b>5879/10</b>	EE-10	10	37/26	0.017	0,43	0.146	3,70	1
<b>5879/8†</b>	EE-8	8	133/29	0.020	0,50	0.206	5,23	1

**CHOOSE TFE TEFLON® FOR:**

- Resistance To All Chemicals
- High Temperature Use Up To 200°C
- Low Coefficient of Friction
- Outstanding Electrical Properties

**TFE TEFLON® APPLICATIONS:**

- Military Harnessing
- Medical Electronics
- Power Supply Lead Wire
- Appliance Wiring

**CHARACTERISTICS**

**OPERATING TEMPERATURE:**

- –60°C to 200°C

**VOLTAGE RATING:**

- 1000 Volt (MIL), 300 Volt (UL)

**PRODUCT DESCRIPTION:**

- Conductor: Stranded Silver-Plated Copper
- Insulation: Color-Coded, Extruded TFE Teflon

**SPECIFICATIONS**

- UL AWM Style 1180
- MIL-W-16878E Type EE
- RoHS Compliant



**AVAILABILITY**

- 100 ft (30,5m), 1000 ft (305m) put-ups  
1000 ft put-ups may contain multiple lengths

\*See color chart below

†Not UL AWM 1180 – AWM 1180 requires that 18AWG thru 10AWG have a temperature marker.

††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				
1-White	3-Red	5-Yellow	7-Brown	9-Gray
2-Black	4-Green	6-Blue	8-Orange	10-Violet (purple)