READY-TO-BOND™ PTFE AND ETFE
High Voltage Wire

70,000 ft (21.3km)
-55° to 125° C

Properties and Features of PTFE and ETFE

- High dielectric strength
- Excellent chemical resistance
- Excellent high temperature properties
- Good outgassing characteristics
- Resists moisture absorption

Applications

- Military harnessing
- Power supply leads
- Telecommunications
- Medical electronics

PTFE and Etched PTFE Wire Attributes

Part Number	Operating Voltage (kVDC)	Conductor		Plating	Overall Diameter	Etched Part Number
		AWG	Strands		in/mm	
167-9899	14.7	20	19/32	SPC	.150 / 3.81	**178-9120**

ETFE and Etched ETFE Wire Attributes

Part Number	Operating Voltage (kVDC)	Conductor		Plating	Overall Diameter	Etched Part Number
		AWG	Strands		in/mm	
178-5473	5	29	51/46	SPC	.025 / .635	**178-5474**
178-5509	5	28	41/44	SPC	.030 / .762	**178-5510**
178-5568	5	26	66/44	SPC	.035 / .889	**178-5569**
178-5511	5	24	41/40	SPC	.040 / 1.02	**178-5512**

When ordering, use part number and specify length in feet.
The standard color is Natural. Other colors are available on special order. Contact factory for color options and availability, or please specify color requested when ordering.

Note: Pre-conditioning of PTFE and ETFE wire or cable is recommended because these insulations will shrink when exposed to temperature cycling. Pre-conditioning should be conducted in an air circulating oven at 204°C (400°F) for one hour. Pre-conditioning should only be performed on cut lengths prior to stripping and any termination procedure. No attempt should be made to condition wire or cable in bulk form or while spooled.

Approved for Public Release: MP/022/15

Rev. 092515

TELEDYNE REYNOLDS
Everywhereyoulook™