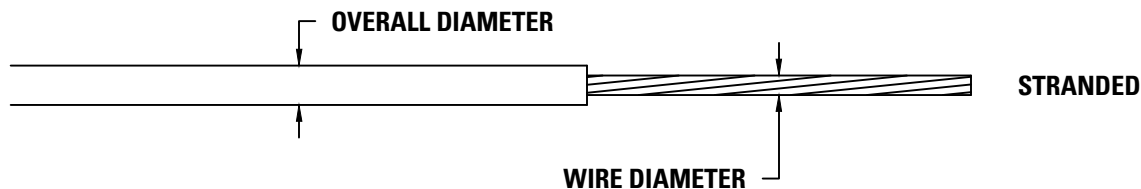


PTFE-Coated, Stranded Hook Up Wire from Remington Industries is utilized in a variety of general-purpose electrical applications. The multi conductor wire is made from silver-plated copper that offers high quality performance and excellent electrical conductivity. The extruded PTFE insulation (short for Polytetrafluoroethylene -- also known as Teflon) allows for use in high temperature electronic applications, while also protecting the wire against abrasion, chemicals, oils, and solvents. The insulation is also highly resistant to thermal aging, solder damage, flame, and moisture. The wire conforms to MIL-spec specifications and provides great uniformity for processing, stripping, and terminating. This hook up wire is available in many wire gauges (from 16 to 30 AWG) to meet your specific requirements. It is also available in a variety of colors (see below) to allow for easy circuit identification, as well as numerous spool sizes (see below) for your convenience.

- Conductor Material: Silver-Plated Copper
- Insulation Material: Extruded PTFE (Teflon)
- Type: MIL-W-16878/4 Type E, Stranded Wire
- Approvals and Specifications Met:
  - NEMA HP 3-2012 (MIL-W-16878/4)
  - REACH & RoHS Compliant
  - 18 to 30 AWG Only: UL1213
- Voltage Rating: 600 V
- Temperature Rating: -55°C (-67°F) to 200°C (392°F)
- Colors Available: Black, Blue, Brown, Gray, Green, Orange, Red, Violet, White, Yellow
- Spool Sizes Available: 25 ft, 100 ft, 250 ft, 500 ft, 1000 ft, 2500 ft, 5000 ft
- Also available in pre-built kits (6 or 10 different colors / 25 ft or 100 ft per spool)



PART NUMBER	WIRE GAUGE	STRANDING	WIRE DIAMETER	OVERALL DIAMETER
16PTFESTR	16 AWG	19/29	0.0530"	0.080"
18PTFESTR	18 AWG	19/30	0.0469"	0.069"
20PTFESTR	20 AWG	19/32	0.0377"	0.058"
22PTFESTR	22 AWG	19/34	0.0295"	0.051"
24PTFESTR	24 AWG	19/36	0.0234"	0.045"
26PTFESTR	26 AWG	19/38	0.0187"	0.039"
28PTFESTR	28 AWG	7/36	0.0150"	0.035"
30PTFESTR	30 AWG	7/38	0.0120"	0.032"

## PTFE (M16878/4) Hook-Up Wire Stranded Data Sheet

### Remington Industries is proud to offer our Custom Wire Services

Our exclusive inventory of in-stock wire and ability to procure wire of all kinds makes us the perfect partner for wire purchasing and custom wire services. We are proud to provide essential, high quality wire for engineering projects, educational science projects, coil winding, and electronics applications.

Some of our many wire services include the following:

- Wire Re-Packaging
- Bifilar & Trifilar Windings
- Wire Processing
- Coil Winding
- Wire Procurement Services

If you have any questions or need any information about our [Wire Services](#), feel free to contact us! It only takes one call to get experienced assistance.

Contact us by phone:  
(815) 385-1987

Contact us by email:  
[sales@remingtonindustries.com](mailto:sales@remingtonindustries.com)

6/13/22 | -3 | Updated title with MIL-spec; updated wire dia's; added min. temp.; added full approvals & specifications to bullet pts

5/25/21 | -2 | Updated title hyperlink | AG

7/22/20 | -1 | Updated 26 AWG stranding (previously 7/34, now 19/38) | AG

DATE | ISS. | REVISION | BY

Drawn by: AG 1/28/20  
Drawing rev.: -3

**Remington**  
Industries

3521 N. Chapel Hill Rd  
Johnsburg, IL 60051 USA  
[remingtonindustries.com](http://remingtonindustries.com)