

# PTFE Silver Plated Teflon Hook Up Wire



## Construction

**Conductor:** Strands Silver-plated

**Insulation:** PTFE

**Insulation Color:** Blue / Orange / Yellow / Grey / Red / Black / White / Green / Brown/ Transparent as your request

## Applications

Silver plated Teflon wire is widely used in high-reliability electrical systems where elevated temperatures, electrical stability, and long service life are critical. The silver-plated copper conductor provides low contact resistance, excellent solderability, and stable conductivity at high temperatures, while the Teflon insulation (PTFE or FEP) delivers superior thermal endurance, chemical resistance, and dielectric performance. This wire is commonly applied in aerospace and avionics systems, high-temperature industrial controls, test and measurement instruments, and advanced electronic assemblies.



## Standards

**UL:** UL 1213, UL 1330, UL 1331, UL 1700 (PTFE/FEP, up to 250 °C)

**MIL:** MIL-DTL-16878 (aerospace and defense applications)

**IEC** 60092, IEC 60245

**RoHS / REACH**

## Specification

Nominal temperature ratings	-30°C to 200°C
Nominal voltage	600V
Fire resistance	Excellent
Chemical resistance	Excellent
UV resistance	Excellent
Durability	Good
Flexibility	Fair

## Technical Data

AWG	Stranding	Conductor Diameter (in)	Nom. Inside Dia. (In)
26	7/34	0.019	0.063
26	19/38	0.019	0.063
24	7/32	0.024	0.067
24	19/36	0.024	0.068
22	7/30	0.030	0.074
22	19/34	0.030	0.074
20	7/28	0.038	0.081
20	19/32	0.038	0.081
18	7/26	0.048	0.091
18	19/30	0.047	0.091
16	19/0.0117	0.056	0.100
14	19/0.0147	0.071	0.115