

Teflon Wire 150°C 300V

Product Description

- Tinned, bared, stranded or Solid copper Conductor,30-10 AWG.
- FEP Insulation.
- Rated temperature:150°C; Rated voltage: 300V.
- Resistant to heat 150°C, cold -80°C, abrasion, chemical solvent resistance, cut-through resistance, Oil resistance etc.
- Passes UL VW-1 Vertical Flame Test.

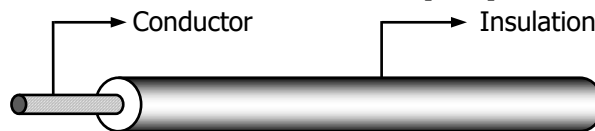
Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 150°C.
- Rated Voltage: 300 Volts.

Applications

- Suitable for fixed internal wires of household appliance, headlamp, mechanical and electrical machine, etc.

Structure & electrical properties



| UL 1333 | Conductor | | Insulation | Overall Diameter (mm) | Tolerance (mm) | Maximum Conductor Resistance (Ω/km) | Permissible Current (A) |
|------------|-----------|----------|----------------|-----------------------|----------------|-------------------------------------|-------------------------|
| | AWG | No./mm | Thickness (mm) | | | | |
| Stranded | 30 | 7/0.100 | 0.33 | 1.00 | ±0.10 | 397 | 3 |
| | 28 | 7/0.127 | | 1.05 | | 248 | 5 |
| | 26 | 7/0.160 | | 1.15 | | 152 | 6 |
| | 24 | 7/0.200 | | 1.30 | | 88.6 | 8 |
| | 22 | 7/0.254 | | 1.45 | | 62.5 | 11 |
| | 20 | 7/0.320 | | 1.65 | | 39.5 | 14 |
| | 18 | 7/0.400 | | 1.90 | 24.4 | 20 | |
| | 16 | 7/0.500 | | 2.30 | 15.6 | 26 | |
| | 14 | 19/0.370 | | 2.65 | 9.90 | 40 | |
| | 12 | 19/0.480 | | 3.40 | 6.24 | 50 | |
| Solid (TA) | 10 | 19/0.600 | 4.10 | 4.15 | 70 | | |
| | 30 | 1/0.254 | 0.95 | ±0.10 | 377 | 3 | |
| | 28 | 1/0.320 | 1.00 | | 232.1 | 5 | |
| | 26 | 1/0.404 | 1.10 | | 155 | 6 | |
| | 24 | 1/0.500 | 1.20 | | 92.4 | 8 | |
| | 22 | 1/0.643 | 1.30 | | 60.1 | 11 | |
| 20 | 1/0.813 | 1.50 | 37.0 | | 14 | | |