

PFA (TEFLON) Insulated material

Style UL10503 Hook-up Wire

Internal wiring of Appliances or electronic equipment.

Description:

Conductor material of Tinned, Silvered or Nickel copper

"*" Conductor material used only silvered or Nickel copper per ASTM B3/33

Rated temperature 250 °C

Rated voltage 600V (Spark voltage 6000 V)

Flame resistance VW-1 or FT1

RoHS Compliant

Specification:

| Gauge (AWG) | Number of Strands | Gauge of Strands (AWG) | Nom. Dia. of Stranded Conductor | | Nom. Fin. Wire Diam. | | Max. Resistance (dc at 20°C) Ohm/per | | Nom. Wt. | |
|-------------|-------------------|------------------------|---------------------------------|-------|----------------------|------|--------------------------------------|--------|---------------|--------|
| | | | Inch | mm | Inch | mm | 1000-ft | Km | LBS./1000 ft. | Kg/Km |
| 1 | 259 | 25 | .3331 | 8.46 | .3449 | 8.76 | 0.1300 | 0.4268 | 260.92 | 388.19 |
| 2 | 259 | 26 | .2854 | 7.25 | .2972 | 7.55 | 0.1641 | 0.5384 | 192.48 | 286.37 |
| 4 | 133 | 25 | .2386 | 6.06 | .2504 | 6.36 | 0.2608 | 0.8559 | 135.29 | 201.29 |
| *6 | 266 | 30 | .1882 | 4.78 | .2000 | 5.08 | 0.4148 | 1.361 | 85.10 | 126.61 |
| *8 | 168 | 30 | .1496 | 3.80 | .1614 | 4.10 | 0.6795 | 2.23 | 54.36 | 80.87 |
| 10 | 19 | 23 | .1209 | 3.07 | .1327 | 3.37 | 1.08 | 3.55 | 35.93 | 53.45 |
| 12 | 7 | 21 | .0906 | 2.30 | .1024 | 2.60 | 1.72 | 5.64 | 21.81 | 32.45 |
| 12 | 19 | 25 | .0906 | 2.30 | .1024 | 2.60 | 1.72 | 5.64 | 20.47 | 30.46 |
| 14 | 7 | 23 | .0740 | 1.88 | .0858 | 2.18 | 2.73 | 8.96 | 14.10 | 20.97 |
| *14 | 19 | 27 | .0740 | 1.88 | .0858 | 2.18 | 2.73 | 8.96 | 14.10 | 20.98 |
| 16 | 7 | 25 | .0591 | 1.50 | .0709 | 1.80 | 4.45 | 14.6 | 9.52 | 14.16 |
| *16 | 19 | 29 | .0591 | 1.50 | .0709 | 1.80 | 4.45 | 14.6 | 9.33 | 13.88 |
| 18 | 7 | 26 | .0465 | 1.18 | .0583 | 1.48 | 7.06 | 23.2 | 6.03 | 8.97 |
| *18 | 19 | 31 | .0465 | 1.18 | .0583 | 1.48 | 7.06 | 23.2 | 5.96 | 8.86 |
| *20 | 7 | 29 | .0374 | 0.95 | .0492 | 1.25 | 11.2 | 36.7 | 3.80 | 5.65 |
| *20 | 19 | 33 | .0374 | 0.95 | .0492 | 1.25 | 11.2 | 36.7 | 4.06 | 6.04 |
| *22 | 7 | 30 | .0299 | 0.76 | .0417 | 1.06 | 18.1 | 59.4 | 2.91 | 4.33 |
| *22 | 19 | 35 | .0299 | 0.76 | .0417 | 1.06 | 18.1 | 59.4 | 2.70 | 4.01 |
| *24 | 7 | 32 | .0240 | 0.61 | .0358 | 0.91 | 28.7 | 94.2 | 1.89 | 2.81 |
| *24 | 19 | 36 | .0240 | 0.61 | .0358 | 0.91 | 28.7 | 94.2 | 2.01 | 2.99 |
| *26 | 7 | 34 | .0197 | 0.50 | .0315 | 0.80 | 45.8 | 150 | 1.33 | 1.97 |
| *26 | 19 | 38 | .0197 | 0.50 | .0315 | 0.80 | 45.8 | 150 | 1.38 | 2.05 |
| *28 | 7 | 36 | .0154 | 0.39 | .0272 | 0.69 | 72.8 | 239 | 0.93 | 1.39 |
| *30 | 1 | 30 | .0100 | 0.254 | .0218 | 0.55 | 110 | 361 | 0.60 | 0.90 |

Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available