



Duplex Insulated
Copper-Constantan
Duplex
ANSI Type T

"SLE" Special
Limits of Error
Available



ANSI
color
code
shown

To order
IEC color
code visit
us online

ANSI Color Code: Positive Wire, Blue; Negative Wire, Red; Overall, Brown

To order

| Insulation | AWG No. | Model Number | Type Wire | Insulation | | Max Temp | | Nominal Size mm (inches) | Wt.† kg/300 m (lb/1000') |
|---|-----------|---------------|-----------|----------------------------|---------------------------------|----------|-----|---------------------------|--------------------------|
| | | | | Conductor | Overall | °C | °F | | |
| Glass | 20 | GG-T-20 | Solid | Glass Braid | | 260 | 500 | 1.5 x 2.4 (0.060 x 0.095) | 4 (9) |
| | 20 | GG-T-20S | 7 x 28 | Glass Braid | | 260 | 500 | 1.5 x 2.5 (0.060 x 0.100) | 4 (9) |
| | 24 | GG-T-24 | Solid | Glass Braid | | 200 | 400 | 1.3 x 2.0 (0.050 x 0.080) | 3 (5) |
| | 24 | GG-T-24S | 7 x 32 | Glass Braid | Glass Braid | 200 | 400 | 1.3 x 2.2 (0.050 x 0.085) | 3 (5) |
| | 26 | GG-T-26 | Solid | Glass Wrap | | 200 | 400 | 1.1 x 1.9 (0.045 x 0.075) | 2 (4) |
| | 28 | GG-T-28 | Solid | Glass Wrap | | 200 | 400 | 1.0 x 1.4 (0.040 x 0.055) | 2 (3) |
| | 30 | GG-T-30 | Solid | Glass Wrap | | 150 | 300 | 0.9 x 1.3 (0.037 x 0.050) | 2 (3) |
| Glass with Stainless Steel Overbraid | 20 | GG-T-20-SB | Solid | Glass | SS Braid Over Glass | 260 | 500 | 2.2 x 3.0 (0.090 x 0.120) | 6 (14) |
| | 20S | GG-T-20S-SB | Solid | | | 260 | 500 | 2.2 x 3.0 (0.085 x 0.117) | 5 (11) |
| | 24 | GG-T-24-SB | Solid | | | 200 | 400 | 2.2 x 3.0 (0.085 x 0.117) | 5 (11) |
| | 24S | GG-T-24S-SB | Solid | | | 200 | 400 | 2.2 x 3.0 (0.085 x 0.117) | 5 (11) |
| Kapton Polyimide Tape | 20 | KK-T-20 | Solid | Fused Polyimide Tape | Fused Polyimide Tape | 260 | 500 | 1.5 x 2.5 (0.060 x 0.100) | 5 (11) |
| | 24 | KK-T-24 | Solid | | | 260 | 500 | 1.3 x 1.9 (0.050 x 0.075) | 3 (6) |
| | 30 | KK-T-30 | Solid | | | 260 | 500 | 0.6 x 1.1 (0.026 x 0.044) | 3 (5) |
| PFA Glass | 30 | TG-T-30 | Solid | PFA | Glass Braid | 150 | 300 | 0.9 x 1.2 (0.034 x 0.047) | 1 (2) |
| | 36 | TG-T-36 | Solid | | | 150 | 300 | 0.7 x 1.0 (0.028 x 0.038) | 1 (2) |
| | 40 | TG-T-40 | Solid | | | 150 | 300 | 0.7 x 0.9 (0.026 x 0.035) | 1 (2) |
| Neoflon PFA (High Performance) | 20 | TT-T-20 | Solid | PFA | PFA | 260 | 500 | 1.7 x 3.0 (0.068 x 0.116) | 5 (11) |
| | 20 | TT-T-20S | 7 x 28 | | | 260 | 500 | 1.9 x 3.2 (0.073 x 0.126) | 5 (11) |
| | 22 | TT-T-22S | 7 x 30 | | | 260 | 500 | 1.7 x 3.4 (0.065 x 0.133) | 4 (9) |
| | 24 | TT-T-24 | Solid | | | 200 | 400 | 1.4 x 2.4 (0.056 x 0.092) | 3 (7) |
| | 24 | TT-T-24S | 7 x 32 | | | 200 | 400 | 1.6 x 2.6 (0.063 x 0.102) | 3 (7) |
| | 30 | TT-T-30†† | Solid | | | 150 | 300 | 0.6 x 1.0 (0.024 x 0.040) | 1 (2) |
| | 36 | TT-T-36†† | Solid | | | 150 | 300 | 0.5 x 0.8 (0.019 x 0.030) | 1 (2) |
| 40 | TT-T-40†† | Solid | 150 | 300 | 0.4 x 0.7 (0.017 x 0.026) | 1 (2) | | | |
| PFA Polymer w/Twisted and Shielded Conductors | 20 | TT-T-20-TWSH | Solid | PFA Polymer | PFA Polymer and Shielding | 260 | 500 | 3.7 (0.15) | 9 (20) |
| | 20S | TT-T-20S-TWSH | 7 x 28 | | | 260 | 500 | 3.8 (0.15) | 9 (20) |
| | 24 | TT-T-24-TWSH | Solid | | | 260 | 500 | 2.7 (0.11) | 4 (9) |
| | 24S | TT-T-24S-TWSH | 7 x 32 | | | 260 | 500 | 2.9 (0.12) | 4 (9) |
| Neoflon FEP | 20 | FF-T-20 | Solid | FEP | FEP | 200 | 392 | 1.7 x 3.0 (0.068 x 0.116) | 5 (11) |
| | 24 | FF-T-24 | Solid | | | 200 | 392 | 1.4 x 2.4 (0.056 x 0.092) | 3 (7) |
| FEP Polymer w/Twisted and Shielded Conductors | 20 | FF-T-20-TWSH | Solid | FEP Polymer | FEP Polymer and Shielding | 200 | 392 | 3.7 (0.15) | 9 (20) |
| | 20S | FF-T-20S-TWSH | 7 x 28 | | | 200 | 392 | 3.8 (0.15) | 9 (20) |
| | 24 | FF-T-24-TWSH | Solid | | | 200 | 392 | 2.7 (0.11) | 4 (9) |
| | 24S | FF-T-24S-TWSH | 7 x 32 | | | 200 | 392 | 2.9 (0.12) | 4 (9) |
| TFE Tape Polymer | 20 | TFE-T-20 | Solid | TFE Tape Polymer | Fused TFE Tape Polymer | 260 | 500 | 1.5 x 2.5 (0.060 x 0.100) | 5 (11) |
| | 20S | TFE-T-20S | 7 x 28 | | | 260 | 500 | 1.5 x 2.7 (0.060 x 0.105) | 5 (11) |
| | 24 | TFE-T-24 | Solid | | | 260 | 500 | 1.3 x 1.9 (0.050 x 0.075) | 3 (6) |
| | 24S | TFE-T-24S | 7 x 32 | | | 260 | 500 | 1.3 x 2.2 (0.050 x 0.085) | 3 (6) |
| Polyvinyl | 24 | PP-T-24 | Solid | Polyvinyl | Polyvinyl | 105 | 221 | 1.9 x 3 (0.075 x 0.120) | 5 (10) |
| | 24 | PP-T-24S | 7 x 32 | | Polyvinyl | 105 | 221 | 1.9 x 3.1 (0.080 x 0.130) | 5 (10) |
| | 24 | PR-T-24 | Solid | | (Rip Cord)** | 105 | 221 | 1.3 x 2.2 (0.050 x 0.086) | 3 (5) |

See Fused Tape Insulated TFE-T Series.

** Two insulated leads bonded together, but with no overjacket.

† Weight of spool and wire rounded to the next highest lb. (does not include packing material).

†† Overall color clear, ††† To order special limits of error wire, add "-SLE" to model number before spool length.

Ordering Example: TT-T-24-SLE-1000, 1000' (300 m) of Type T duplex insulated special limits of error thermocouple wire.

Discount Schedule (1000' spools only)

| | |
|---------------------------|-----|
| 3 to 4 spools | 10% |
| 5 to 9 spools | 15% |
| 10 to 19 spools | 20% |