



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<br>Stainless<br>Steel<br>Overbraid             | 20      | GG-T-20-SB    | Solid     | Glass                      | SS Braid<br>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<br>Polyimide<br>Tape                               | 20      | KK-T-20       | Solid     | Fused<br>Polyimide<br>Tape | Fused<br>Polyimide<br>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<br>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<br>PFA<br>(High<br>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)                    |
| PFA<br>Polymer<br>w/Twisted<br>and Shielded<br>Conductors | 20      | TT-T-20-TWSH  | Solid     | PFA<br>Polymer             | PFA<br>Polymer and<br>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<br>Polymer<br>w/Twisted<br>and Shielded<br>Conductors | 20      | FF-T-20-TWSH  | Solid     | FEP<br>Polymer             | FEP<br>Polymer and<br>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<br>Polymer                                       | 20      | TFE-T-20      | Solid     | TFE Tape<br>Polymer        | Fused TFE<br>Tape<br>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% |

Note: Published prices are based on market value at time of printing and are subject to change due to Nickel surcharges, Chromium and precious-metal market fluctuations.