



**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  
*OMEGA Engineering does not use reprocessed PFA or PVC in manufacturing thermocouple wire.*

**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	<b>GG-T-20</b>	Solid	Glass Braid		260	500	1.5 x 2.4 (0.060 x 0.095)	4 (9)
	20	<b>GG-T-20S</b>	7 x 28	Glass Braid		260	500	1.5 x 2.5 (0.060 x 0.100)	4 (9)
	24	<b>GG-T-24</b>	Solid	Glass Braid		200	400	1.3 x 2.0 (0.050 x 0.080)	3 (5)
	24	<b>GG-T-24S</b>	7 x 32	Glass Braid	Glass Braid	200	400	1.3 x 2.2 (0.050 x 0.085)	3 (5)
	26	<b>GG-T-26</b>	Solid	Glass Wrap		200	400	1.1 x 1.9 (0.045 x 0.075)	2 (4)
	28	<b>GG-T-28</b>	Solid	Glass Wrap		200	400	1.0 x 1.4 (0.040 x 0.055)	2 (3)
	30	<b>GG-T-30</b>	Solid	Glass Wrap		150	300	0.9 x 1.3 (0.037 x 0.050)	2 (3)
Glass with Stainless Steel Overbraid	20	<b>GG-T-20-SB</b>	Solid	Glass	SS Braid Over Glass	260	500	2.2 x 3.0 (0.090 x 0.120)	6 (14)
	20S	<b>GG-T-20S-SB</b>	Solid			260	500	2.2 x 3.0 (0.085 x 0.117)	5 (11)
	24	<b>GG-T-24-SB</b>	Solid			200	400	2.2 x 3.0 (0.085 x 0.117)	5 (11)
	24S	<b>GG-T-24S-SB</b>	Solid			200	400	2.2 x 3.0 (0.085 x 0.117)	5 (11)
Kapton Polyimide Tape	20	<b>KK-T-20</b>	Solid	Fused Polyimide Tape	Fused Polyimide Tape	260	500	1.5 x 2.5 (0.060 x 0.100)	5 (11)
	24	<b>KK-T-24</b>	Solid			260	500	1.3 x 1.9 (0.050 x 0.075)	3 (6)
	30	<b>KK-T-30</b>	Solid			260	500	0.6 x 1.1 (0.026 x 0.044)	3 (5)
PFA Glass	30	<b>TG-T-30</b>	Solid	PFA	Glass Braid	150	300	0.9 x 1.2 (0.034 x 0.047)	1 (2)
	36	<b>TG-T-36</b>	Solid			150	300	0.7 x 1.0 (0.028 x 0.038)	1 (2)
	40	<b>TG-T-40</b>	Solid			150	300	0.7 x 0.9 (0.026 x 0.035)	1 (2)
Neoflon PFA (High Performance)	20	<b>TT-T-20</b>	Solid	PFA	PFA	260	500	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	20	<b>TT-T-20S</b>	7 x 28			260	500	1.9 x 3.2 (0.073 x 0.126)	5 (11)
	22	<b>TT-T-22S</b>	7 x 30			260	500	1.7 x 3.4 (0.065 x 0.133)	4 (9)
	24	<b>TT-T-24</b>	Solid			200	400	1.4 x 2.4 (0.056 x 0.092)	3 (7)
	24	<b>TT-T-24S</b>	7 x 32			200	400	1.6 x 2.6 (0.063 x 0.102)	3 (7)
	30	<b>TT-T-30††</b>	Solid			150	300	0.6 x 1.0 (0.024 x 0.040)	1 (2)
	36	<b>TT-T-36††</b>	Solid			150	300	0.5 x 0.8 (0.019 x 0.030)	1 (2)
40	<b>TT-T-40††</b>	Solid	150	300	0.4 x 0.7 (0.017 x 0.026)	1 (2)			
PFA Polymer w/Twisted and Shielded Conductors	20	<b>TT-T-20-TWSH</b>	Solid	PFA Polymer	PFA Polymer and Shielding	260	500	3.7 (0.15)	9 (20)
	20S	<b>TT-T-20S-TWSH</b>	7 x 28			260	500	3.8 (0.15)	9 (20)
	24	<b>TT-T-24-TWSH</b>	Solid			260	500	2.7 (0.11)	4 (9)
	24S	<b>TT-T-24S-TWSH</b>	7 x 32			260	500	2.9 (0.12)	4 (9)
Neoflon FEP	20	<b>FF-T-20</b>	Solid	FEP	FEP	200	392	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	24	<b>FF-T-24</b>	Solid			200	392	1.4 x 2.4 (0.056 x 0.092)	3 (7)
FEP Polymer w/Twisted and Shielded Conductors	20	<b>FF-T-20-TWSH</b>	Solid	FEP Polymer	FEP Polymer and Shielding	200	392	3.7 (0.15)	9 (20)
	20S	<b>FF-T-20S-TWSH</b>	7 x 28			200	392	3.8 (0.15)	9 (20)
	24	<b>FF-T-24-TWSH</b>	Solid			200	392	2.7 (0.11)	4 (9)
	24S	<b>FF-T-24S-TWSH</b>	7 x 32			200	392	2.9 (0.12)	4 (9)
TFE Tape Polymer	20	<b>TFE-T-20</b>	Solid	TFE Tape Polymer	Fused TFE Tape Polymer	260	500	1.5 x 2.5 (0.060 x 0.100)	5 (11)
	20S	<b>TFE-T-20S</b>	7 x 28			260	500	1.5 x 2.7 (0.060 x 0.105)	5 (11)
	24	<b>TFE-T-24</b>	Solid			260	500	1.3 x 1.9 (0.050 x 0.075)	3 (6)
	24S	<b>TFE-T-24S</b>	7 x 32			260	500	1.3 x 2.2 (0.050 x 0.085)	3 (6)
Polyvinyl	24	<b>PP-T-24</b>	Solid	Polyvinyl	Polyvinyl	105	221	1.9 x 3 (0.075 x 0.120)	5 (10)
	24	<b>PP-T-24S</b>	7 x 32		Polyvinyl	105	221	1.9 x 3.1 (0.080 x 0.130)	5 (10)
	24	<b>PR-T-24</b>	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.