

**T Duplex Insulated Copper-Constantan Duplex ANSI Type T**

**"SLE" Special Limits of Error Available**



**FOR LONGER LENGTHS CONSULT SALES FOR PRICE AND DELIVERY!**

**ANSI Color Code:** Positive Wire, Blue; Negative Wire, Red; Overall, Brown  
*OMEGA Engineering does not use reprocessed PFA or PVC in manufacturing thermocouple wire.*

**MOST POPULAR MODELS HIGHLIGHTED!**

Insulation	AWG No.	Model Number	Price/1000'	SLE/1000' <sup>†††</sup>	Type Wire	Insulation		Max Temp		Nominal Size mm (inches)	Wt. kg/300 m <sup>†</sup> (lb/1000')
						Conductor	Overall	°C	°F		
Glass	20	GG-T-20	\$365	\$430	Solid	Glass Braid	Glass Braid	260	500	1.5 x 2.4 (0.060 x 0.095)	4 (9)
	20	GG-T-20S	460	550	7 x 28	Glass Braid		260	500	1.5 x 2.5 (0.060 x 0.100)	4 (9)
	24	GG-T-24	265	305	Solid	Glass Braid		200	400	1.3 x 2.0 (0.050 x 0.080)	3 (5)
	24	GG-T-24S	420	500	7 x 32	Glass Braid		200	400	1.3 x 2.2 (0.050 x 0.085)	3 (5)
	26	GG-T-26	230	280	Solid	Glass Braid		200	400	1.1 x 1.9 (0.045 x 0.075)	2 (4)
	28	GG-T-28	220	255	Solid	Glass Wrap		200	400	1.0 x 1.4 (0.040 x 0.055)	2 (3)
30	GG-T-30	225	270	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	710	850	Solid	Glass	SS Braid Over Glass	482	900	2.2 x 3.0 (0.090 x 0.120)	6 (14)
	24	GG-T-24-SB	495	595	Solid			482	900	2.2 x 3.0 (0.085 x 0.117)	5 (11)
Kapton Polyimide Tape	20	KK-T-20	870	990	Solid	Fused Polyimide Tape	Fused Polyimide Tape	316	600	1.5 x 2.5 (0.060 x 0.100)	5 (11)
	24	KK-T-24	660	755	Solid	Fused Polyimide Tape	Fused Polyimide Tape	316	600	1.3 x 1.9 (0.050 x 0.075)	3 (6)
	30	KK-T-30	650	750	Solid	Fused Polyimide Tape	Fused Polyimide Tape	316	600	1.0 x 1.4 (0.040 x 0.055)	3 (5)
PFA Glass	30	TG-T-30	480	-	Solid	PFA	Glass Braid	150	300	0.9 x 1.2 (0.034 x 0.047)	1 (2)
	36	TG-T-36	550	-	Solid			150	300	0.7 x 1.0 (0.028 x 0.038)	1 (2)
	40	TG-T-40	620	-	Solid			150	300	0.7 x 0.9 (0.026 x 0.035)	1 (2)
Neoflon PFA (High Performance)	20	TT-T-20	455	515	Solid	PFA	PFA	260	500	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	20	TT-T-20S	595	715	7 x 28			260	500	1.9 x 3.2 (0.073 x 0.126)	5 (11)
	22	TT-T-22S	580	695	7 x 30			260	500	1.7 x 3.4 (0.065 x 0.133)	4 (9)
	24	TT-T-24	370	415	Solid			200	400	1.4 x 2.4 (0.056 x 0.092)	3 (7)
	24	TT-T-24S	400	485	7 x 32			200	400	1.6 x 2.6 (0.063 x 0.102)	3 (7)
	30	TT-T-30 <sup>††</sup>	390	430	Solid			150	300	0.6 x 1.0 (0.024 x 0.040)	1 (2)
	36	TT-T-36 <sup>††</sup>	450	495	Solid			150	300	0.5 x 0.8 (0.019 x 0.030)	1 (2)
40	TT-T-40 <sup>††</sup>	590	650	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	975	1125	Solid	PFA Polymer	PFA Polymer and Shielding	260	500	3.7 (0.15)	9 (20)
	20S	TT-T-20S-TWSH	1170	1405	7 x 28			260	500	3.8 (0.15)	9 (20)
	24	TT-T-24-TWSH	560	645	Solid			260	500	2.7 (0.11)	4 (9)
	24S	TT-T-24S-TWSH	670	805	7 x 32			260	500	2.9 (0.12)	4 (9)
Neoflon FEP	20	FF-T-20	430	540	Solid	FEP	FEP	200	392	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	24	FF-T-24	335	345	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	735	845	Solid	FEP Polymer	FEP Polymer and Shielding	200	392	3.7 (0.15)	9 (20)
	20S	FF-T-20S-TWSH	885	1060	7 x 28			200	392	3.8 (0.15)	9 (20)
	24	FF-T-24-TWSH	425	490	Solid			200	392	2.7 (0.11)	4 (9)
	24S	FF-T-24S-TWSH	505	610	7 x 32			200	392	2.9 (0.12)	4 (9)
TFE Tape Polymer	20	TFE-T-20	450	510	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	570	650	7 x 28			260	500	1.5 x 2.7 (0.060 x 0.105)	5 (11)
	24	TFE-T-24	315	350	Solid			260	500	1.3 x 1.9 (0.050 x 0.075)	3 (6)
	24S	TFE-T-24S	370	415	7 x 32			260	500	1.3 x 2.2 (0.050 x 0.085)	3 (6)
Polyvinyl	24	PP-T-24	265	305	Solid	Polyvinyl	Polyvinyl Polyvinyl <sup>**</sup> (Rip Cord)	105	221	1.9 x 3 (0.075 x 0.120)	5 (10)
	24	PP-T-24S	335	400	7 x 32			105	221	1.9 x 3.1 (0.080 x 0.130)	5 (10)
	24	PR-T-24	155	175	Solid			105	221	1.3 x 2.2 (0.050 x 0.086)	3 (5)

See Fused Tape Insulated TFE-T Series.  
<sup>\*\*</sup> Two insulated leads bonded together, but with no overjacket.  
<sup>†</sup> Weight of spool and wire rounded to the next highest lb. (does not include packing material).  
<sup>††</sup> Overall color clear, <sup>†††</sup> 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, \$485.

**ANSI color code shown** To order IEC color code see page A-9

Discount Schedule (1000 ft spools only)	
3 to 4 spools	10%
5 to 9 spools	15%
10 to 19 spools	20%

## SPOOL PRICING

### STANDARD SPOOL LENGTHS

**7.5 m (25')**      **60 m (200')**  
**15 m (50')**      **150 m (500')**  
**30 m (100')**      **300 m (1000')**

**FOR LONGER LENGTHS CONSULT SALES FOR PRICE AND DELIVERY!**

To order standard length spools, multiply the 300 m or 1000' spool price by the multiplier and round to the nearest dollar.

Example: GG-K-20-50, 50' (15 m) spool of GG-K-20 wire = \$410 x 0.1 = \$41

### Spool Pricing Guidelines

Multiply 300 m or 1000' spool price by multiplier and round to the nearest dollar. Consult Sales for price quote.

7.5 m or 25'	= Price from Chart	x 0.0625
15 m or 50'	= Price from Chart	x 0.1
30 m or 100'	= Price from Chart	x 0.175
60 m or 200'	= Price from Chart	x 0.3
150 m or 500'	= Price from Chart	x 0.5
300 m or 1000'	= Price from Chart	x 1.0

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.



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