



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

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



**ANSI
color
code
shown** **To order
IEC color
code visit
omega.com**

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'†††	Type Wire	Insulation		Max Temp		Nominal Size mm (inches)	Wt.† kg/300 m (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	260	500	2.2 x 3.0 (0.090 x 0.120)	6 (14)
	20S	GG-T-20S-SB	805	970	Solid			260	500	2.2 x 3.0 (0.085 x 0.117)	5 (11)
	24	GG-T-24-SB	495	595	Solid			200	400	2.2 x 3.0 (0.085 x 0.117)	5 (11)
	24S	GG-T-24S-SB	650	795	Solid			200	400	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	260	500	1.5 x 2.5 (0.060 x 0.100)	5 (11)
	24	KK-T-24	660	755	Solid	Polyimide Tape	Polyimide Tape	260	500	1.3 x 1.9 (0.050 x 0.075)	3 (6)
	30	KK-T-30	650	750	Solid	Polyimide Tape	Polyimide Tape	260	500	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††	390	430	Solid			150	300	0.6 x 1.0 (0.024 x 0.040)	1 (2)
	36	TT-T-36††	450	495	Solid			150	300	0.5 x 0.8 (0.019 x 0.030)	1 (2)
40	TT-T-40††	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** (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.

** 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, \$485.

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 = \$535 x 0.1 = \$53.50

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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