

ANSI color code shown To order IEC color code see pg. H-9



ALL MODELS AVAILABLE FOR FAST DELIVERY!

T Duplex Insulated Copper-Constantan Duplex ANSI Type T

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

Insulation ¹	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	\$295	\$360	Solid	Glass Braid	Glass Braid	260	500	1.5 x 2.4 (0.060 x 0.095)	4 (9)
	20	GG-T-20S	385	460	7 x 28	Glass Braid	Glass Braid	260	500	1.5 x 2.5 (0.060 x 0.100)	4 (9)
	24	GG-T-24	240	275	Solid	Glass Braid	Glass Braid	200	400	1.3 x 2.0 (0.050 x 0.080)	3 (5)
	24	GG-T-24S	380	455	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	220	265	Solid	Glass Braid	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	Glass Braid	200	400	1.0 x 1.4 (0.040 x 0.055)	2 (3)
	30	GG-T-30	225	270	Solid	Glass Wrap	Glass Braid	150	300	0.9 x 1.3 (0.037 x 0.050)	2 (3)
Teflon® Glass	30	TG-T-30	480	-	Solid	Teflon	Glass Braid	150	300	0.9 x 1.2 (0.034 x 0.047)	1 (2)
	36	TG-T-36	550	-	Solid	Teflon	Glass Braid	150	300	0.7 x 1.0 (0.028 x 0.038)	1 (2)
	40	TG-T-40	620	-	Solid	Teflon	Glass Braid	150	300	0.7 x 0.9 (0.026 x 0.035)	1 (2)
Teflon® Neoflon PFA (High Performance)	20	TT-T-20	380	430	Solid	PFA	PFA	260	500	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	20	TT-T-20S	495	595	7 x 28	PFA	PFA	260	500	1.9 x 3.2 (0.073 x 0.126)	5 (11)
	22	TT-T-22S	485	580	7 x 30	PFA	PFA	260	500	1.7 x 3.4 (0.065 x 0.133)	4 (9)
	24	TT-T-24	335	375	Solid	PFA	PFA	200	400	1.4 x 2.4 (0.056 x 0.092)	3 (7)
	24	TT-T-24S	365	440	7 x 32	PFA	PFA	200	400	1.6 x 2.6 (0.063 x 0.102)	3 (7)
	30	TT-T-30 ^{††}	390	495	Solid	PFA	PFA	150	300	0.6 x 1.0 (0.024 x 0.040)	1 (2)
	36	TT-T-36 ^{††}	450	715	Solid	PFA	PFA	150	300	0.5 x 0.8 (0.019 x 0.030)	1 (2)
Teflon® Neoflon FEP	20	FF-T-20	360	415	Solid	FEP	FEP	200	392	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	24	FF-T-24	305	-	Solid	FEP	FEP	200	392	1.4 x 2.4 (0.056 x 0.092)	3 (7)
Polyvinyl	24	PP-T-24	240	275	Solid	Polyvinyl	Polyvinyl	105	221	1.9 x 3 (0.075 x 0.120)	5 (10)
	24	PP-T-24S	305	365	7 x 32	Polyvinyl	Polyvinyl	105	221	1.9 x 3.1 (0.080 x 0.130)	5 (10)
	24	PR-T-24	140	160	Solid	Polyvinyl	(Rip Cord)**	105	221	1.3 x 2.2 (0.050 x 0.086)	3 (5)

¹Additional Type T insulated wires are available. 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, \$375.

FOR LONGER LENGTHS CONSULT SALES FOR PRICE AND DELIVERY!

E Duplex Insulated CHROMEQA® Constantan Duplex ANSI Type E

ANSI Color Code: Positive Wire, Purple; Negative Wire, Red; Overall, Brown
 OMEGA Engineering does not use reprocessed Teflon® or PVC in manufacturing thermocouple wire

Insulation ¹	AWG No.	Model Number	Price/1000'	SLE/1000' ^{†††}	Type Wire	Insulation		Max. Temp		Nominal Size mm (in)	Wt.† kg/300m (lb/1000')
						Conductor	Overall	°C	°F		
Ceramic*	14	XC-E-14	\$3450	\$3970	Solid	Nextel Ceramic	Nextel Ceramic	650	1200	3.6 x 5.0 (0.140 x 0.200)	18 (38)
	20	XC-E-20	2400	2760	Solid	Nextel Ceramic	Nextel Ceramic	540	1000	3.4 x 4.8 (0.135 x 0.190)	8 (16)
	20	XT-E-20	2300	2645	Solid	Nextel Ceramic	Nextel Ceramic	540	1000	2.7 x 3.9 (0.105 x 0.155)	7 (15)
	20	XL-E-20	2250	2590	Solid	Nextel Ceramic	Nextel Ceramic	540	1000	2.4 x 3.4 (0.095 x 0.135)	7 (14)
	24	XC-E-24	2300	2645	Solid	Nextel Ceramic	Nextel Ceramic	430	800	2.9 x 4.4 (0.115 x 0.175)	6 (12)
	24	XT-E-24	2200	2530	Solid	Nextel Ceramic	Nextel Ceramic	430	800	2.2 x 3.4 (0.088 x 0.132)	5 (11)
	24	XL-E-24	2150	2475	Solid	Nextel Ceramic	Nextel Ceramic	430	800	2.0 x 3.0 (0.078 x 0.116)	5 (10)
Silica*	14	XS-E-14	2250	2590	Solid	Silica	Silica	650	1200	3.6 x 5.0 (0.140 x 0.200)	16 (35)
	20	XS-E-20	1350	1555	Solid	Silica	Silica	540	1000	2.7 x 3.9 (0.105 x 0.155)	6 (12)
	24	XS-E-24	1200	1380	Solid	Silica	Silica	430	800	2.2 x 3.4 (0.088 x 0.132)	5 (10)
High Temp. Glass**	20	HH-E-20	490	565	Solid	Hi Temp Glass	Hi Temp Glass	540	1000	1.5 x 2.7 (0.060 x 0.105)	4 (9)
	24	HH-E-24	370	590	Solid	Hi Temp Glass	Hi Temp Glass	430	800	1.4 x 2.3 (0.055 x 0.090)	3 (5)
Glass	20	GG-E-20	415	440	Solid	Glass Braid	Glass Braid	482	900	1.5 x 2.1 (0.060 x 0.095)	4 (9)
	20	GG-E-20S	550	660	7 x 28	Glass Braid	Glass Braid	482	900	1.5 x 2.5 (0.060 x 0.100)	4 (9)
	24	GG-E-24	310	355	Solid	Glass Braid	Glass Braid	430	800	1.3 x 2.0 (0.050 x 0.080)	3 (5)
	24	GG-E-24S	425	510	7 x 32	Glass Braid	Glass Braid	430	800	1.3 x 2.2 (0.050 x 0.085)	3 (5)
	26	GG-E-26	390	450	Solid	Glass Braid	Glass Braid	430	800	1.1 x 1.9 (0.045 x 0.075)	2 (4)
	30	GG-E-30	330	395	Solid	Glass Wrap	Glass Braid	320	700	0.9 x 1.3 (0.037 x 0.050)	2 (3)
	36	GG-E-36	390	465	Solid	Glass Wrap	Glass Braid	320	700	0.8 x 1.1 (0.033 x 0.043)	1 (2)
Teflon® Neoflon PFA (High Performance)	20	TT-E-20	595	610	Solid	PFA	PFA	260	500	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	20	TT-E-20S	750	900	7 x 28	PFA	PFA	260	500	1.9 x 3.2 (0.073 x 0.126)	5 (11)
	22	TT-E-22S	675	730	7 x 30	PFA	PFA	260	500	1.7 x 3.4 (0.065 x 0.133)	4 (9)
	24	TT-E-24	445	510	Solid	PFA	PFA	260	500	1.4 x 2.4 (0.056 x 0.092)	3 (6)
	24	TT-E-24S	530	635	7 x 32	PFA	PFA	260	500	1.6 x 2.6 (0.063 x 0.102)	3 (6)
	30	TT-E-30 ^{††}	400	440	Solid	PFA	PFA	260	500	0.6 x 1.0 (0.024 x 0.040)	1 (2)
	36	TT-E-36 ^{††}	450	495	Solid	PFA	PFA	260	500	0.5 x 0.8 (0.019 x 0.030)	1 (2)
Teflon® Neoflon FEP	20	FF-E-20	550	635	Solid	FEP	FEP	200	392	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	24	FF-E-24	390	450	Solid	FEP	FEP	200	392	1.4 x 2.4 (0.056 x 0.092)	3 (6)

¹Additional Type E insulated wires are available. See Fused Tape Insulated TFE-E Series

* Has color tracers on jacket and conductors

** HH Wire has trace thread in Positive leg, Negative leg is red, overall has trace thread.

†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: GG-E-24-SLE-1000, 1000' (300 m) of Type E duplex insulated special limits of error thermocouple wire, \$355.



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