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"SLE" Special Limits of Error Available

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E Duplex Insulated CHROME[®]-Constantan Duplex ANSI Type E



ANSI Color Code: Positive Wire, Purple; 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 (in)	Wt.† kg/300m (lb/1000')
						Conductor	Overall	°C	°F		
Ceramic*	14	XC-E-14	\$3795	\$4365	Solid	Nextel Ceramic	Nextel Ceramic	650	1200	3.6 x 5.0 (0.140 x 0.200)	18 (38)
	20	XC-E-20	2640	3035	Solid			540	1000	3.4 x 4.8 (0.135 x 0.190)	8 (16)
	20	XT-E-20	2530	2910	Solid			540	1000	2.7 x 3.9 (0.105 x 0.155)	7 (15)
	20	XL-E-20	2475	2850	Solid			540	1000	2.4 x 3.4 (0.095 x 0.135)	7 (14)
	24	XC-E-24	2530	2910	Solid			430	800	2.9 x 4.4 (0.115 x 0.175)	6 (12)
	24	XT-E-24	2420	2785	Solid			430	800	2.2 x 3.4 (0.088 x 0.132)	5 (11)
	24	XL-E-24	2365	2725	Solid			430	800	2.0 x 3.0 (0.078 x 0.116)	5 (10)
Silica*	14	XS-E-14	2475	2850	Solid	Silica	Silica	650	1200	3.6 x 5.0 (0.140 x 0.200)	16 (35)
	20	XS-E-20	1485	1710	Solid			540	1000	2.7 x 3.9 (0.105 x 0.155)	6 (12)
	24	XS-E-24	1320	1520	Solid			430	800	2.2 x 3.4 (0.088 x 0.132)	5 (10)
High Temp. Glass**	20	HH-E-20	635	735	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	445	515	Solid			430	800	1.4 x 2.3 (0.055 x 0.090)	3 (5)
Glass	20	GG-E-20	540	570	Solid	Glass Braid	Glass Braid	482	900	1.5 x 2.1 (0.060 x 0.095)	4 (9)
	20	GG-E-20S	715	860	7 x 28			482	900	1.5 x 2.5 (0.060 x 0.100)	4 (9)
	24	GG-E-24	370	425	Solid			430	800	1.3 x 2.0 (0.050 x 0.080)	3 (5)
	24	GG-E-24S	510	610	7 x 32			430	800	1.3 x 2.2 (0.050 x 0.085)	3 (5)
	26	GG-E-26	410	475	Solid			430	800	1.1 x 1.9 (0.045 x 0.075)	2 (4)
	30	GG-E-30	240	275	Solid			320	700	0.9 x 1.3 (0.037 x 0.050)	2 (3)
	36	GG-E-36	320	355	Solid			320	700	0.8 x 1.1 (0.033 x 0.043)	1 (2)
Glass with Stainless Steel Overbraid	20	GG-E-20-SB	905	935	Solid	Glass	SS Braid Over Glass	482	900	2.3 x 3.0 (0.090 x 0.120)	6 (14)
	20	GG-E-20S-SB	1080	1220	7 x 28			482	900	2.3 x 3.2 (0.090 x 0.127)	7 (15)
	24	GG-E-24-SB	625	680	Solid			430	800	2.2 x 3.0 (0.085 x 0.117)	5 (11)
	24	GG-E-24S-SB	760	865	7 x 32			430	800	2.0 x 2.8 (0.080 x 0.110)	5 (11)
Kapton Polyimide Tape	20	KK-E-20	1155	1325	Solid	Fused Polyimide Tape	Fused Polyimide Tape	260	500	1.5 x 2.5 (0.060 x 0.100)	5 (11)
	24	KK-E-24	865	990	Solid			260	500	1.3 x 1.9 (0.050 x 0.075)	3 (6)
	30	KK-E-30	880	1020	Solid			260	500	1.0 x 1.4 (0.040 x 0.055)	3 (5)
Neoflon PFA (High Performance)	20	TT-E-20	775	795	Solid	PFA Polymer	PFA Polymer	260	500	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	20	TT-E-20S	975	1170	7 x 28			260	500	1.9 x 3.2 (0.073 x 0.126)	5 (11)
	22	TT-E-22S	880	950	7 x 30			260	500	1.7 x 3.4 (0.065 x 0.133)	4 (9)
	24	TT-E-24	535	610	Solid			260	500	1.4 x 2.4 (0.056 x 0.092)	3 (6)
	24	TT-E-24S	635	760	7 x 32			260	500	1.6 x 2.6 (0.063 x 0.102)	3 (6)
	30	TT-E-30††	335	370	Solid			260	500	0.6 x 1.0 (0.024 x 0.040)	1 (2)
	36	TT-E-36††	375	415	Solid			260	500	0.5 x 0.8 (0.019 x 0.030)	1 (2)
40	TT-E-40††	500	550	Solid	260	500	0.4 x 0.7 (0.017 x 0.026)	1 (2)			
PFA Polymer w/Twisted and Shielded Conductors	20	TT-E-20-TWSH	1205	1385	Solid	PFA Polymer	PFA Polymer and Shielding	260	500	3.7 (0.15)	9 (20)
	20S	TT-E-20S-TWSH	1445	1730	7 x 28			260	500	3.8 (0.15)	9 (20)
	24	TT-E-24-TWSH	720	830	Solid			260	500	2.7 (0.11)	4 (9)
	24S	TT-E-24S-TWSH	870	1045	7 x 32			260	500	2.9 (0.12)	4 (9)
Neoflon FEP	20	FF-E-20	715	825	Solid	FEP Polymer	FEP Polymer	200	392	1.7 x 3.0 (0.068 x 0.116)	5 (11)
	24	FF-E-24	470	540	Solid			200	392	1.4 x 2.4 (0.056 x 0.092)	3 (6)
FEP Polymer w/Twisted and Shielded Conductors	20	FF-E-20-TWSH	930	1065	Solid	FEP Polymer	FEP Polymer and Shielding	200	392	3.7 (0.15)	9 (20)
	20S	FF-E-20S-TWSH	1120	1340	7 x 28			200	392	3.8 (0.15)	9 (20)
	24	FF-E-24-TWSH	545	630	Solid			200	392	2.7 (0.11)	4 (9)
	24S	FF-E-24S-TWSH	655	785	7 x 32			200	392	2.9 (0.12)	4 (9)
TFE Tape Polymer	20	TFE-E-20	715	815	Solid	TFE Tape Polymer	Fused TFE Tape Polymer	260	500	1.5 x 2.5 (0.060 x 0.100)	5 (11)
	20S	TFE-E-20S	955	1085	7 x 28			260	500	1.5 x 2.7 (0.060 x 0.105)	5 (11)
	24	TFE-E-24	510	570	Solid			260	500	1.3 x 1.9 (0.050 x 0.075)	3 (6)
	24S	TFE-E-24S	625	700	7 x 32			260	500	1.3 x 2.2 (0.050 x 0.085)	3 (6)
Polyvinyl	24	PR-E-24	365	410	Solid	Polyvinyl	Polyvinyl	105	221	1.4 x 2.3 (0.050 x 0.086)	3 (5)

* 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.

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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