



ANSI Color Code: Positive Wire, Yellow;  
 Negative Wire, Red; Overall, Yellow

### To Order

Insulation	AWG No.	Model Number	Type Wire	Insulation		Max. Temp*		Nominal Size mm (in)	Wt.kg/300m (lb/1000')†
				Conductor	Overall	°C	°F		
Glass	16	<b>EXGG-K-16</b>	Solid	Glass Braid	Glass Braid	200	392	2.2 x 3.3 (0.085 x 0.130)	9 (17)
Neoflon PFA	16	<b>EXTT-K-16</b>	Solid	PFA	PFA	200	392	2.2 x 3.9 (0.086 x 0.152)	8 (16)
	20	<b>EXTT-K-20</b>	Solid	PFA	PFA	200	392	1.7 x 3.0 (0.068 x 0.116)	4 (9)
	24	<b>EXTT-K-24</b>	Solid	PFA	PFA	200	392	1.4 x 2.3 (0.056 x 0.092)	3 (6)
Polyvinyl	14	<b>EXPP-K-14</b>	Solid	Polyvinyl	Polyvinyl	105	221	3.4 x 7.3 (0.134 x 0.288)	13 (28)
	16	<b>EXPP-K-16</b>	Solid	Polyvinyl	Polyvinyl	105	221	3.1 x 5.3 (0.123 x 0.207)	10 (22)
	16	<b>EXPP-K-16S</b>	7 x 24	Polyvinyl	Polyvinyl	105	221	5.5 x 5.7 (0.139 x 0.226)	10 (22)
	18	<b>EXPP-K-18S</b>	7 x 26	Polyvinyl	Polyvinyl	105	221	3.5 x 5.2 (0.138 x 0.205)	8 (16)
	20	<b>EXPP-K-20</b>	Solid	Polyvinyl	Polyvinyl	105	221	2.4 x 3.8 (0.095 x 0.151)	6 (12)
	20	<b>EXPP-K-20S</b>	7 x 28	Polyvinyl	Polyvinyl	105	221	3.1 x 4.4 (0.123 x 0.175)	6 (12)
	24	<b>EXPP-K-24</b>	Solid	Polyvinyl	Polyvinyl	105	221	1.9 x 3.0 (0.075 x 0.120)	2 (4)
24	<b>EXPP-K-24S</b>	7 x 32	Polyvinyl	Polyvinyl	105	221	2.1 x 3.4 (0.082 x 0.134)	4 (9)	
Neoflon FEP	16	<b>EXFF-K-16</b>	Solid	FEP	FEP	200	392	2.2 x 3.9 (0.086 x 0.152)	8 (16)
	20	<b>EXFF-K-20</b>	Solid	FEP	FEP	200	392	1.7 x 2.9 (0.068 x 0.116)	4 (9)
	24	<b>EXFF-K-24</b>	Solid	FEP	FEP	200	392	1.4 x 2.3 (0.056 x 0.092)	3 (6)

\* Maximum temperature is for extension grade wire or insulation, whichever is lower.

† Weight of spool and wire, rounded to next highest kg/lb. (does not include packing material).

‡ To order special limits of error wire, add "-SLE" to model number before spool length

Ordering Example: **EXTT-K-20-25**, 25' spool of extension grade thermocouple wire, Type KX, 20 gage, stranded, Neoflon PFA insulation.

Extension Grade  
**CHROMEGA®/**  
 Constantan Duplex  
 ANSI Type EX



ANSI Color Code: Positive Wire, Purple;  
 Negative Wire, Red; Overall, Purple

Insulation	AWG No.	Model Number	Type Wire	Insulation		Max. Temp*		Nominal Size mm (in)	Wt.kg/300m (lb/1000')†
				Conductor	Overall	°C	°F		
Neoflon PFA	16	<b>EXTT-E-16</b>	Solid	PFA	PFA	200	392	2.2 x 3.9 (0.086 x 0.152)	8 (16)
	20	<b>EXTT-E-20</b>	Solid	PFA	PFA	200	392	1.7 x 2.9 (0.068 x 0.116)	4 (9)
	24	<b>EXTT-E-24</b>	Solid	PFA	PFA	200	392	1.4 x 2.3 (0.056 x 0.092)	3 (6)
Polyvinyl	16	<b>EXPP-E-16</b>	Solid	Polyvinyl	Polyvinyl	105	221	3.1 x 5.3 (0.123 x 0.207)	10 (22)
	18	<b>EXPP-E-18S</b>	7 x 26	Polyvinyl	Polyvinyl	105	221	3.5 x 5.2 (0.138 x 0.205)	8 (16)
	20	<b>EXPP-E-20</b>	Solid	Polyvinyl	Polyvinyl	105	221	2.4 x 3.8 (0.095 x 0.151)	6 (14)
	24	<b>EXPP-E-24S</b>	7 x 32	Polyvinyl	Polyvinyl	105	221	2.1 x 3.4 (0.82 x 0.134)	4 (9)
Neoflon FEP	16	<b>EXFF-E-16</b>	Solid	FEP	FEP	200	392	2.2 x 3.9 (0.086 x 0.152)	8 (16)
	20	<b>EXFF-E-20</b>	Solid	FEP	FEP	200	392	1.7 x 2.9 (0.068 x 0.116)	4 (9)
	24	<b>EXFF-E-24</b>	Solid	FEP	FEP	200	392	1.4 x 2.3 (0.056 x 0.092)	3 (6)

\* Maximum temperature is for extension grade wire or insulation, whichever is lower.

† Weight of spool and wire, rounded to next highest kg/lb. (does not include packing material).

‡ To order special limits of error wire, add "-SLE" to model number before spool length

Ordering Example: **EXPP-E-20-50**, 50' spool of extension grade thermocouple wire, Type EX, 20 gage, Polyvinyl over Polyvinyl insulation.

Extension Grade  
 Copper/Alloy#11  
 Duplex  
 ANSI Type RX and SX



Compensating Extension Wires for Platinum  
 (-) Platinum-Rhodium (+) Thermocouples.

ANSI Color Code: Positive Wire, Black; Negative Wire, Red; Overall, Green

Insulation	AWG No.	Model Number	Type Wire	Insulation		Max. Temp*		Nominal Size mm (in)	Wt.kg/300m (lb/1000')†
				Conductor	Overall	°C	°F		
Glass	20	<b>EXGG-RS-20</b>	Solid	Glass Braid	Glass Braid	200	392	1.5 x 2.4 (0.060 x 0.095)	3 (6)
	24	<b>EXGG-RS-24</b>	Solid	Glass Braid	Glass Braid	200	392	1.3 x 2.0 (0.050 x 0.080)	1.8 (1.4)
Neoflon PFA	20	<b>EXTT-RS-20</b>	Solid	PFA	PFA	200	392	1.7 x 2.9 (0.068 x 0.116)	4 (9)
	24	<b>EXTT-RS-24</b>	Solid	PFA	PFA	200	392	1.4 x 2.3 (0.056 x 0.092)	3 (6)
Polyvinyl	16	<b>EXPP-RS-16</b>	Solid	Polyvinyl	Polyvinyl	105	221	3.0 x 5.0 (0.118 x 0.195)	10 (22)
Neoflon FEP	20	<b>EXFF-RS-20</b>	Solid	FEP	FEP	200	392	1.7 x 2.9 (0.068 x 0.116)	4 (9)
	24	<b>EXFF-RS-24</b>	Solid	FEP	FEP	200	392	1.4 x 2.3 (0.056 x 0.092)	3 (6)

\* Maximum temperature is for extension grade wire or insulation, whichever is lower.

† Weight of spool and wire, rounded to next highest kg/lb. (does not include packing material).

Ordering Example: **EXTT-RS-20-500**, 500' spool of extension grade thermocouple wire, Type RX, 24 gage, Neoflon PFA insulation.



ANSI color code shown

To order IEC color code see [omega.com](http://omega.com)