Thermocouple Wire
Duplex Extension Grade



Available!

OMEGA® will overbraid any thermocouple wire with Inconel® 600, 304 SS or tinned copper overbraiding. Both Inconel® 600 and SS add durability and abrasion protection. Visit omega for details.

JX **Extension Grade**
Iron/Constantan
Duplex
ANSI Type JX



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

To Order

Insulation	AWG No.	Model Number	Type Wire	Insulation		Max Temp*		Nominal Size mm (inch)	Wt.kg/300 m† (lb/1000')
				Conductor	Overall	°C	°F		
Glass	16	**EXGG-J-16**	Solid	Glass braid	Glass braid	200	392	2.2 x 3.3 (0.085 x 0.130)	9 (18)
PFA	16	**EXTT-J-16**	Solid	PFA	PFA	200	392	2.2 x 3.9 (0.086 x 0.152)	8 (16)
Neoflon	20	**EXTT-J-20**	Solid	PFA	PFA	200	392	1.7 x 2.9 (0.068 x 0.116)	4 (9)
PFA	24	**EXTT-J-24**	Solid	PFA	PFA	200	392	1.4 x 2.3 (0.056 x 0.092)	3 (8)
Polyvinyl	14	**EXPP-J-14**	Solid	Polyvinyl	Polyvinyl	105	221	3.4 x 7.3 (0.134 x 0.288)	13 (29)
	16	**EXPP-J-16**	Solid	Polyvinyl	Polyvinyl	105	221	3.1 x 5.3 (0.123 x 0.207)	10 (22)
	16	**EXPP-J-16S**	7 x 24	Polyvinyl	Polyvinyl	105	221	5.5 x 5.7 (0.139 x 0.226)	10 (22)
	20	**EXPP-J-20**	Solid	Polyvinyl	Polyvinyl	105	221	2.4 x 3.8 (0.095 x 0.151)	6 (12)
	20	**EXPP-J-20S**	7 X 28	Polyvinyl	Polyvinyl	105	221	2.5 x 4.3 (0.099 **x** 0.168)	6 (12)
	24	**EXPP-J-24S**	7 x 32	Polyvinyl	Polyvinyl	105	221	2.1 x 3.4 (0.082 x 0.134)	4 (9)
PFA	16	**EXFF-J-16**	Solid	FEP	FEP	200	392	2.2 x 3.9 (0.086 x 0.152)	8 (16)
Neoflon	20	**EXFF-J-20**	Solid	FEP	FEP	200	392	1.7 x 2.9 (0.068 x 0.116)	4 (9)
FEP	24	**EXFF-J-24**	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 the the 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-J-20-25,** 25' spool of extension-grade thermocouple wire, Type J, 20 gage, PFA over PFA insulation.*

ANSI color code shown | **To order IEC color code visit us online**

TX **Extension Grade**
Copper/Constantan
Duplex
ANSI Type TX



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

Insulation	AWG No.	Model Number	Type Wire	Insulation		Max Temp*		Nominal Size mm (inch)	Wt. kg/300 m† (lb/1000')
				Conductor	Overall	°C	°F		
[illegible]	16	**EXTT-T-16**	Solid	PFA	PFA	100	212	2.2 x 3.9 (0.086 x 0.152)	8 (16)
[illegible]	20	**EXTT-T-20**	Solid	PFA	PFA	100	212	1.7 x 2.9 (0.068 x 0.116)	4 (9)
PFA	24	**EXTT-T-24**	Solid	PFA	PFA	100	212	1.4 x 2.3 (0.056 x 0.092)	3 (6)
Polyvinyl	14	**EXPP-T-14**	Solid	Polyvinyl	Polyvinyl	100	212	3.4 x 7.3 (0.134 x 0.288)	13 (29)
	16	**EXPP-T-16**	Solid	Polyvinyl	Polyvinyl	100	212	3.1 x 5.3 (0.123 x 0.207)	10 (22)
	20	**EXPP-T-20**	Solid	Polyvinyl	Polyvinyl	100	212	2.4 x 3.8 (0.095 x 0.151)	6 (12)
	20	**EXPP-T-20S**	7 x 28	Polyvinyl	Polyvinyl	100	212	3.1 x 4.4 (0.123 x 0.075)	6 (12)
	24	**EXPP-T-24**	Solid	Polyvinyl	Polyvinyl	100	212	2.1 x 3.4 (0.082 x .0134)	2 (4)
	24	**EXPP-T-24S**	7 x 32	Polyvinyl	Polyvinyl	100	212	2.1 x 3.4 (0.082 x .0134)	4 (9)
PFA	16	**EXFF-T-16**	Solid	FEP	FEP	100	212	2.2 x 3.9 (0.086 x 0.152)	8 (16)
Neoflon	20	**EXFF-T-20**	Solid	FEP	FEP	100	212	1.7 x 1.2 (0.068 x 0.116)	4 (9)
FEP	24	**EXFF-T-24**	Solid	FEP	FEP	100	212	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-T-20-50,** 50' spool of extension-grade thermocouple wire, type TX, 20 gage, PFA Neoflon insulation.*