



206 Industrial Parkway Drive • Boyne City, Michigan 49712 • (800) 582-5098 • Fax (231) 582-9491
www.temprel.com

Thermocouple Wire

Insulation	Wire Gauge	Solid/ Stranded	Nominal Size	Part Number
Type E				
Fiberglass / SS overbraid	20	solid	.088 X .142"	E20-2-S-302
Fiberglass / SS overbraid	20	stranded	.088 X .142"	E20-4-S-302
Kapton	20	stranded	.070 X .112"	E20-4-513
Kapton /SS overbraid	20	stranded	.090 X .132"	E20-4-S-513
Type J				
Fiberglass	20	solid	.054 X .096"	J20-2-305
Fiberglass / SS Overbraid	20	stranded	.088 X .142"	J20-4-S-302
Teflon FEP	20	solid	.072 X .124"	J20-2-507
Teflon TFE	20	solid	.060 X .104	J20-2-508
Teflon FEP / shielded	20	stranded	.144"	J20-4-509
Kapton	20	solid	.084"	J20-2-511
Kapton	20	stranded	.058 X .106"	J20-4-513
Kapton/SS overbraid	20	stranded	.078 X .126"	J20-4-S-513
Fiberglass	22	stranded	.052 X .092"	J22-4-305
Teflon FEP / shielded	22	stranded	.130"	J22-4-509
Fiberglass	24	solid	.042 X .072"	J24-2-305
PVC Ripcord	24	solid	.050 X .096"	J24-2-505
Teflon FEP	24	solid	.060 X .100"	J24-2-507
Teflon TFE	24	solid	.048 X .080"	J24-2-508
Teflon FEP / shielded	24	solid	.108"	J24-2-509
Kapton	24	solid	.060"	J24-2-511
Teflon FEP	24	stranded	.060 X .100"	J24-4-507
Fiberglass	28	solid	.040 X .062"	J28-2-305
Teflon FEP	30	solid	.030 X .050"	J30-2-506
Fiberglass	30	solid	.036 X .056"	J30-2-305
Type T				
Fiberglass	20	solid	.054 X .096"	T20-2-305
Teflon FEP	20	solid	.072 X .124"	T20-2-507
Teflon TFE	20	solid	.060 X .104"	T20-2-508
Kapton/SS overbraid	20	stranded	.078 X .126"	T20-4-S-513
Fiberglass	22	stranded	.052 X .092"	T22-4-305
Fiberglass	24	solid	.042 X .072"	T24-2-305
PVC Ripcord	24	solid	.050 X .096"	T24-2-505
Teflon FEP	24	solid	.060 X .100"	T24-2-507
Teflon TFE	24	solid	.048 X .080"	T24-2-508
Teflon FEP	30	solid	.030 X .050"	T30-2-506
Teflon FEP	36	solid	.025 X .040"	T36-2-506



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Insulation	Wire Gauge	Solid/ Stranded	Nominal Size	Part Number
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Type K

Fiberglass	20	solid	.054 X .096"	K20-2-305
High Temp fiberglass	20	solid	.082 X .140"	K20-2-321
Teflon FEP	20	solid	.072 X .124"	K20-2-507
Teflon TFE	20	solid	.060 X .104"	K20-2-508
Teflon FEP / shielded	20	solid	.132"	K20-2-509
Kapton	20	solid	.084"	K20-2-511
Kapton	20	solid	.052 X .094"	K20-2-513
Fiberglass / SS overbraid	20	solid	.074 X .116"	K20-2-S-305
High Temp fiberglass SS overbraid	20	solid	.102 X .140"	K20-2-S-321
Fiberglass	20	stranded	.068 X .122"	K20-4-302
Teflon FEP	20	stranded	.078 X .106"	K20-4-507
Teflon FEP / shielded	20	stranded	.144"	K20-4-509
Kapton	20	stranded	.058 X .106"	K20-4-513
Fiberglass / SS Overbraid	20	stranded	.088 X .142"	K20-4-S-302
Kapton/SS overbraid	20	stranded	.078 X .126"	K20-4-S-513
Fiberglass	22	stranded	.052 X .092"	K22-4-305
Teflon FEP	22	stranded	.070 X .120"	K22-4-507
Fiberglass	24	solid	.042 X .072"	K24-2-305
High Temp fiberglass	24	solid	.072 X .120"	K24-2-321
PVC Ripcord	24	solid	.050 X .096"	K24-2-505
Teflon FEP	24	solid	.060 X .100"	K24-2-507
Teflon TFE	24	solid	.048 X .080"	K24-2-508
Kapton	24	solid	.054 X .076"	K24-2-513
Teflon PFA	24	solid	.068 X .116"	K24-2-516
Fiberglass / SS	24	solid	.068 X .100"	K24-2-S-305
Teflon FEP	24	stranded	.060 X .100"	K24-4-507
Teflon TFE	24	stranded	.052 X .088"	K24-4-508
Teflon FEP / SS	24	stranded	.084 X .128"	K24-4-S-507
Overbraid				
Fiberglass	28	solid	.040 X .062"	K28-2-305
Fiberglass	30	solid	.036 X .046"	K30-2-305
Teflon FEP	30	solid	.030 X .050"	K30-2-506
Kapton	30	solid	.044 X .056"	K30-2-513
Teflon FEP	36	solid	.025 X .040"	K36-2-506

Thermocouple Extension Wire

PVC Type E	20	solid	.092 X .154"	E20-6-502
PVC Type J	20	solid	.092 X .154"	J20-6-502
PVC Type J	20	stranded	.080 X .133"	J20-8-502-005
PVC Type J	24	stranded	.050 X .091"	J24-8-502-005
PVC Type T	20	solid	.092 X .154"	T20-6-502
PVC Type T	20	stranded	.080 X .133"	T20-8-502-003
PVC Type T	24	stranded	.050 X .091"	T24-8-502-003
PVC Type K	20	solid	.092 X .154"	K20-6-502
PVC Type K	20	stranded	.080 X .133"	K20-8-502-002
PVC Type K	24	stranded	.050 X .091"	K24-8-502-002

Multi-pair extension cable is available upon request. Please specify the calibration, gauge size, solid or stranded. And the number of pairs required.