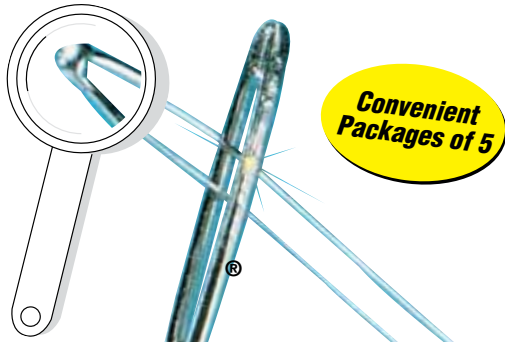


# Unsheathed Fine Gage Thermocouples



## Important Ordering Notes

### Base Metal Thermocouples

Prices given for 300 mm (12") lengths. Other sizes and lengths are available on special order. A 300 mm (12") length corresponds to a 600 mm (24") loop. To order longer lead lengths for base metal calibrations of 0.125 mm (0.005") or larger, additional cost per 300 mm (12") per package. Additional wire diameters are also available for Type N. Please check with Sales.

### Platinum/Rhodium Thermocouples

Prices given for 150 mm (6") lengths. Other sizes and lengths are available on special order. A 150 mm (6") length corresponds to a 300 mm (12") loop. To order longer lead lengths for Pt/Rh calibrations, see the table (below right).

Wire Dia. mm (inches)
0.025 (0.001")
0.050 (0.002")
0.075 (0.003")
0.125 (0.005")
0.20 (0.008")
0.25 (0.010")
0.38 (0.015")
0.50 (0.020")
0.81 (0.032")

Discount Schedule Base Metal Thermocouples	
1 to 10 pkgs . . . . .	Net
11 to 24 pkgs . . . . .	5%
25 to 49 pkgs . . . . .	10%
50 and up . . . . .	15%

## Base Metal Calibrations: 300 mm (12") Length Standard—Package of 5

Calibration	Wire Dia. mm (in)	Model Number
<b>J</b> Iron-Constantan	0.050 (0.002)	IRCO-002
	0.075 (0.003)	IRCO-003
	0.125 (0.005)	IRCO-005
	0.25 (0.010)	IRCO-010
	0.38 (0.015)	IRCO-015
	0.5 (0.020)	IRCO-020
<b>T</b> Copper-Constantan	0.050 (0.002)	COCO-002
	0.075 (0.003)	COCO-003
	0.125 (0.005)	COCO-005
	0.25 (0.010)	COCO-010
	0.38 (0.015)	COCO-015
	0.5 (0.020)	COCO-020
<b>N</b> OMEGA-P®-OMEGA-N®	0.075 (0.003)	OPON-003
	0.125 (0.005)	OPON-005
	0.25 (0.010)	OPON-010
	0.50 (0.020)	OPON-020
	0.81 (0.032)	OPON-032

Calibration	Wire Dia. mm (in)	Model Number
<b>K</b> CHROMEQA®-ALOMEGA®	0.050 (0.002)	CHAL-002
	0.075 (0.003)	CHAL-003
	0.125 (0.005)	CHAL-005
	0.25 (0.010)	CHAL-010
	0.38 (0.015)	CHAL-015
	0.50 (0.020)	CHAL-020
<b>E</b> CHROMEQA®-Constantan	0.050 (0.002)	CHCO-002
	0.075 (0.003)	CHCO-003
	0.125 (0.005)	CHCO-005
	0.25 (0.010)	CHCO-010
	0.38 (0.015)	CHCO-015
	0.50 (0.020)	CHCO-020
0.81 (0.032)	CHCO-032	

## Pt/Rh Calibrations: 150 mm (6") Length Standard—Sold Individually

Calibration	Wire Dia. mm (in)	Model Number
<b>R</b> Pt/13%Rh-Pt	0.025 (0.001)	P13R-001
	0.050 (0.002)	P13R-002
	0.075 (0.003)	P13R-003
	0.125 (0.005)	P13R-005
	0.20 (0.008)	P13R-008
	0.25 (0.010)	P13R-010
	0.38 (0.015)	P13R-015
	0.50 (0.020)	P13R-020
	0.81 (0.032)	P13R-032

Calibration	Wire Dia. mm (in)	Model Number
<b>S</b> Pt/10%Rh-Pt	0.025 (0.001)	P10R-001
	0.050 (0.002)	P10R-002
	0.075 (0.003)	P10R-003
	0.125 (0.005)	P10R-005
	0.20 (0.008)	P10R-008
	0.25 (0.010)	P10R-010
	0.38 (0.015)	P10R-015
	0.50 (0.020)	P10R-020
	0.81 (0.032)	P10R-032

## Pt/Rh Calibrations: 150 mm (6") Length Standard—Sold Individually

Calibration	Wire Dia. mm (in)	Model Number
<b>B</b> Pt/30%Rh-Pt/6%Rh-	0.20 (0.008)	P30R-008
	0.25 (0.010)	P30R-010
	0.38 (0.015)	P30R-015
	0.50 (0.020)	P30R-020
	0.81 (0.032)	P30R-032

**SPECIAL SIZES, ALLOYS OR ASSEMBLIES**  
Orders for special sizes, alloys or assemblies should be explicit and accompanied by a sketch or print, if possible.

Base metal thermocouples 0.125 mm (0.005") diameter and larger are made with Special Limits of Error wire.

Thermocouple insulator model nos. SH, DH, FS and OV also featured in this section.

**Note:** Published price is based on market value at time of printing and is subject to change due to precious-metal market fluctuations.

Ordering Example: CHAL-005, package of five 300 mm (12") Type K thermocouples, 0.125 mm (0.005") diameter.

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