

BARE THERMOCOUPLE WIRE

The following tables list thermocouple alloy commonly used and typically in stock at MTI. Other guage sizes, constructions and materials are available on a special order basis - Call us for assistance.

BASE METAL ALLOY

Positive (+)

CODE	TYPE	MATERIAL	AWG	FT/LB
B8JP	J	IRON	8	23
B8KP	K	CHROMEL	8	21
B14JP	J	IRON	14	91
B14KP	K	CHROMEL	14	83
B14TP	T	COPPER	14	80
B20JP	J	IRON	20	365
B20KP	K	CHROMEL	20	313
B20TP	T	COPPER	20	323
B24JP	J	IRON	24	926
B24KP	K	CHROMEL	24	838
B24TP	T	COPPER	24	818
B28JP	J	IRON	28	2360
B28KP	K	CHROMEL	28	2130
B28TP	T	COPPER	28	2071
B30JP	J	IRON	30	3740
B30KP	K	CHROMEL	30	3370
B30TP	T	COPPER	30	3290

Negative (-)

CODE	TYPE	MATERIAL	AWG	FT/LB
B8JN	J	CONSTANTAN	8	20
B8KN	K	ALUMEL	8	21
B14JN	J	CONSTANTAN	14	80
B14KN	K	ALUMEL	14	83
B14TN	T	CONSTANTAN	14	80
B20JN	J	CONSTANTAN	20	332
B20KN	K	ALUMEL	20	313
B20TN	T	CONSTANTAN	20	332
B24JN	J	CONSTANTAN	24	818
B24KN	K	ALUMEL	24	838
B24TN	T	CONSTANTAN	24	818
B28JN	J	CONSTANTAN	28	2071
B28KN	K	ALUMEL	28	2130
B28TN	T	CONSTANTAN	28	2071
B30JN	J	CONSTANTAN	30	3290
B30KN	K	ALUMEL	30	3370
B30TN	T	CONSTANTAN	30	3290

To Order: Specify quantity (in feet or pounds) and appropriate code. Example: 5#-B14JP

NOBLE METAL BARE WIRE

Positive (+)

CODE	TYPE	MATERIAL	AWG	ln/TOz
B20SP	S	PT-10%RH	20	118
B20RP	R	PT-13%RH	20	120
B20BP	B	PT-30%RH	20	134
B24SP	S	PT-10%RH	24	302
B24RP	R	PT-13%RH	24	308
B24BP	B	PT-30%RH	24	343

Negative (-)

CODE	TYPE	MATERIAL	AWG	ln/TOz
B20SN	S	PLATINUM	20	110
B20RN	R	PLATINUM	20	110
B20BN	B	PT-6% RH	20	114
B24SN	S	PLATINUM	24	281
B24RN	R	PLATINUM	24	281
B24BN	B	PT-6% RH	24	294

NOTE: Available in matched pairs only.

MTI - INDUSTRIAL TEMPERATURE SENSORS

Thermocouples...RTD's...Thermowells..Wire..Cable...Accessories
www.mtisensors.com (972) 436 - 3033 Fax (972) 436 - 2655