



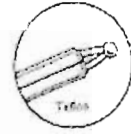
B. J. WOLFE ENTERPRISES, INC.

(818) 889-8412, (800) 554-1224, Fax (818) 889-8417

24-Hour Delivery

24-Hour Delivery

Low-Cost Thermocouple Assemblies
"Beaded Wire" Thermocouple



BJWE offers 24-Hour delivery (or better) on most beaded wire thermocouples. These thermocouples consist of a piece of insulated thermocouple grade wire, cut to length, with a thermocouple weld on one end (hot or sensing end), and stripped leads on the cold end. Wolfe Enterprises uses a special Tungsten Inert Gas Welder in an argon atmosphere for the weld. Beaded wire thermocouples are excellent low-cost solutions to measure air and surface temperatures. Water-resistant Teflon™ caps, connectors, and stainless steel over-braiding are available.

Sample Part Number: J20-TFE-24-MCM or K30-GG-40FT



Thermocouple Type	
Enter	Description
J	Iron/Constantan
K	CHROMEL®/ALUMEL®
T	Copper/Constantan
E	CHROMEL®/Constantan

Wire Gauge	
Enter	Description
20	20AWG .032"
24	24AWG .020"
26	26AWG .015"
28	28AWG .013"
30	30AWG .010"
36	36AWG .005"
40	40AWG .003"

Wire Insulation Type	
Enter	Description
PV	Extruded PVC
TF	Extruded FEP Teflon™
TFE	Fused Teflon™ (TFE)
TP	Extruded PFA Teflon™
KT	Fused Kapton® Tape
GG	Double Fiberglass
HTG	High-Temp Fiberglass
CB	Ceramic Fiber
ICB	Ceramic Fiber w/Inconel OB

Length
From 1" to 240" (20FT)
Specify in Inches. For Probes over 20FT (240")
Specify in Feet After the Number.
Example: 25FT

Options:

- | | | | |
|-----|---|----|--|
| SB | Stainless Steel Over-Braid | SL | Compensated Spade Lugs on Lead Termination |
| STR | Stranded Thermocouple Wire for Flexibility | MC | Miniature Connector on Lead Termination* |
| TCP | Teflon™ Cap Over Junction for Moisture Resistance | SC | Standard Connector on Lead Termination* |
| SPL | Special Limits of Error T/C Wire Supplied | | *Specify M (Male) F (Female) MF (Both) |

ABV	Insulation	Max. Cont. Temperature	Gauges Wire Available			
			J	K	T	E
PV	Extruded PVC (Ripcord)	221°F	24	24	24	None
TF	Extruded FEP Teflon™	400°F	20	20	20	None
TFE	Fused TFE (Teflon™)	500°F	20,24	20,24	20,24	None
TP	Extruded PFA Teflon™	500°F	20,24,26,30,36	20,24,26,30,36	20,24,26,30,36	20,24,26,30,36
KT	Fused Kapton® Tape	600°F	20,24,30	20,24,30	20,24,30	None
GG	Fiberglass Insulation	900°F	20,24,28,30,36	20,24,28,30,36	20,28,28,30,36	20,24,30,36

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