

Thermocouple Probes with Miniconnector End

Designed for semi-solid and liquid temperature applications

Probes with handle feature strain relief spring that protects the cable connection against damage due to repeated flexing and tugging. Standard glass-filled nylon handles. Temperature range is for the probe only. Probes with a plastic handle have a maximum temperature of 275°F (135°C) before being affected.

Catalog No.	Type	Temperature range °F (°C)	Description	Photo/Dimensions†
Standard probes, 5" L; for use with liquids, gases, and semisolids. Include standard handle and 5-ft coiled cable.				
TS-08527-55	J	-310 to 1400 (-190 to 760)	Junction: grounded	
TS-08526-55	K	-418 to 1650 (-250 to 899)	Time constant: 3 sec (liquids)	
TS-08510-55	T	-418 to 752 (-250 to 400)	Response time: 15 sec (liquids)	
TS-08522-55	E	-418 to 1600 (-250 to 871)	316 SS sheath; miniconnector; Glass-filled nylon handle	
Low-cost probes, 4.5" L; for use with liquids, gases, and semisolids. Include 5-ft coiled cable.				
TS-08449-60	J	-310 to 1400 (-190 to 760)	Junction: grounded	
TS-08449-62	K	-418 to 1650 (-250 to 899)	Time constant: 6 sec (liquids)	
TS-08449-64	T	-418 to 752 (-250 to 400)	Response time: 30 sec (liquids) 304 SS sheath; miniconnector; Glass-filled nylon handle	
Small-diameter standard probes, 4" L; for use with liquids, gases, and semisolids. Include standard handle and 5-ft coiled cable.				
TS-08515-55	J	-310 to 1300 (-190 to 704)	Junction: grounded	
TS-08515-56	K	-418 to 1500 (-250 to 816)	Time constant: 2 sec	
TS-08515-57	T	-418 to 650 (-250 to 343)	Response time: 10 sec 316 SS sheath; miniconnector; Glass-filled nylon handle	
Small-diameter probes with miniature stainless steel handles, 8" L. Ideal for checking food temperatures. Include 5-ft coiled cable.				
TS-08515-61	J	-310 to 1300 (-190 to 704)	Junction: grounded	
TS-08515-62	K	-418 to 1500 (-250 to 816)	Time constant: 2 sec	
TS-08515-63	T	-418 to 650 (-250 to 343)	Response time: 10 sec 316 SS sheath; Miniconnector; SS handle	
All stainless steel probes, 8" L; for added durability—ideal for food processing applications. Include 4.5" L SS handle and 4-ft SS-armored cable.				
TS-93610-02	J	-310 to 1400 (-190 to 760)	Junction: grounded	
TS-93610-22	K	-418 to 1650 (-250 to 899)	Time constant: 6 sec	
TS-93610-42	T	-418 to 752 (-250 to 400)	Response time: 30 sec 316 SS sheath; Miniconnector; SS handle	
Extra-long stainless steel probes, 10" L. Use with liquids, gases, and semisolids. Include standard handle and 5-ft coiled cable.				
TS-93766-00	J	-310 to 1400 (-190 to 760)	Junction: grounded	
TS-93766-20	K	-418 to 1650 (-250 to 899)	Time constant: 3 sec (liquids)	
TS-93766-40	T	-418 to 752 (-250 to 400)	Response time: 15 sec (liquids) 316 SS sheath; miniconnector; Glass-filled nylon handle	
Extra-long stainless steel probes with ungrounded junction, 10" L. Use in electrically noisy environments. Include standard handle and 5-ft coiled cable.				
TS-93768-00	J	-310 to 1400 (-190 to 760)	Junction: grounded	
TS-93768-02	K	-418 to 1650 (-250 to 899)	Time constant: 5 sec	
TS-93768-04	T	-418 to 752 (-250 to 400)	Response time: 25 sec 316 SS sheath; miniconnector; Glass-filled nylon handle	
Extra-long PFA-coated probes, 10" L; for use with corrosive chemicals and strong acids. Include standard handle and 5-ft coiled cable.				
TS-93822-00	J	-310 to 500 (-190 to 260)	Junction: grounded	
TS-93822-02	K	-418 to 500 (-250 to 260)	Time constant: 11 sec	
TS-93822-04	T	-418 to 500 (-250 to 260)	Response time: 55 sec 316 SS sheath; miniconnector; Glass-filled nylon handle	
Low-cost PTFE-coated probes, 4.5" L; for use with corrosive liquids. Include 5-ft coiled cable.				
TS-08451-10	J	-310 to 302 (-190 to 150)	Junction: grounded	
TS-08451-12	K	-418 to 302 (-250 to 150)	Time constant: 11 sec (liquids)	
TS-08451-14	T	-418 to 302 (-250 to 150)	Response time: 55 sec (liquids) 304 SS sheath; miniconnector; Glass-filled nylon handle	
Straight-shaft microprobes, 4" L. Include 4-ft straight PVC-insulated cable.				
TS-08126-60	J	-310 to 750 (-190 to 399)	Junction: grounded	
TS-08127-60	K	-418 to 800 (-250 to 427)	Time constant: 5 sec	
TS-08123-60	T	-418 to 450 (-250 to 232)	Response time: 25 sec 316 SS sheath; miniconnector; Miniature SS handle	
Fast response microprobe with 90°-angle tip, 4" L. Include 5-ft straight PVC-insulated cable.				
TS-08516-95	T	-418 to 752 (-250 to 400)	Junction: grounded	
MC-17001-10	NIST-traceable calibration with data			

†Overall probe sheath lengths may vary up to ±0.25".