

Flexible Insulated-Wire Thermocouple Probes with Miniconnector

Designed for use where solid probe will not work

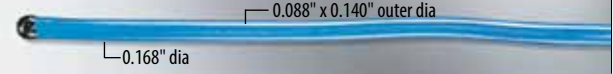




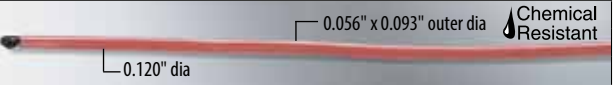
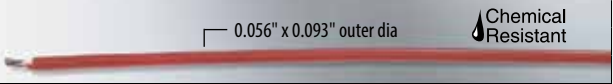
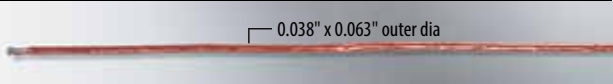
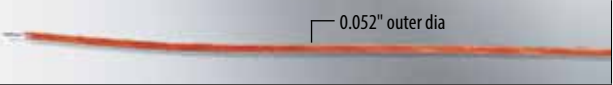
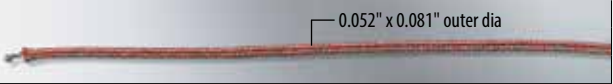


All insulated-wire probes include straight insulated cable with no handle and feature ANSI color-coded miniconnectors. Fiberglass- and ceramic-insulated probes have exposed junctions; use for high-temperature applications.

Note: Exposed-junction probes are not recommended for use with aqueous solutions. Do not subject type J exposed-junction probes to moisture—iron wire will rust.

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Temperature

Catalog No.	Type	Temperature range °F (°C)	Description	Photos/ dimensions
PVC-insulated probe with PVC-coated tip, 24-gauge (0.020" dia) wire; 5-ft L; short-term immersible.				
TS-08515-90	T	-418 to 257 (-250 to 125)	Junction: ungrounded Response time: 18 sec	 0.088" x 0.140" outer dia 0.168" dia
PVC-insulated probes with PVC-coated tip, 20-gauge (0.032" dia) wire; 10-ft L; short-term immersible.				
TS-08476-02	J	-310 to 221 (-190 to 105)	Junction: ungrounded Response time: 25 sec	 0.090" x 0.155" outer dia 0.166" dia
TS-08476-04	K	-418 to 221 (-250 to 105)		
TS-08476-06	T	-418 to 221 (-250 to 105)		
PVC-insulated probes, 24-gauge (0.020" dia) wire; 3-ft L; includes rubber strain relief.				
TS-08525-00	J	-310 to 221 (-190 to 105)	Junction: exposed Response time: 15 sec	 0.020" dia
TS-08525-01	K	-418 to 221 (-250 to 105)		
TS-08525-02	T	-418 to 221 (-250 to 105)		
Fine-gauge PTFE-insulated probe, 0.025" outer dia; 3-ft L. Tissue implantable microprobe; for semisolids. Includes five 18-gauge hypodermic needles.				
TS-08506-75	T	-492 to 300 (-273 to 150)	Junction: ungrounded Response time: 0.5 sec	 0.025" dia Chemical Resistant
Quick-response PFA-insulated probe, 40-gauge (0.003" dia) wire, 0.009" outer dia; 3-ft L. Tissue implantable microprobe; for semisolids. Includes five 23-gauge hypodermic needles.				
TS-08516-70	T	-492 to 300 (-273 to 150)	Junction: ungrounded Response time: 0.025 sec	 0.009" dia Chemical Resistant
FEP-insulated probes with PTFE-coated junction, 24-gauge (0.020" dia) wire; 10-ft L; long-term immersible.				
TS-08476-81	J	-310 to 400 (-190 to 204)	Junction: ungrounded Response time: 15 sec	 0.056" x 0.093" outer dia 0.120" dia Chemical Resistant
TS-08476-82	K	-418 to 400 (-250 to 204)		
TS-08476-83	T	-418 to 400 (-250 to 204)		
FEP-insulated probes, 24-gauge (0.020" dia) wire; 10-ft L.				
TS-08526-81	J	-310 to 400 (-190 to 204)	Junction: exposed Response time: 15 sec	 0.056" x 0.093" outer dia Chemical Resistant
TS-08526-82	K	-418 to 400 (-250 to 204)		
TS-08526-83	T	-418 to 400 (-250 to 204)		
Kapton[®]-insulated probe, 24-gauge (0.020" dia) wire; 10-ft L. Ideal for multipoint temperature measurements.				
TS-08527-90	J	-310 to 600 (-190 to 315)	Junction: exposed Response time: 15 sec	 0.038" x 0.063" outer dia
Kapton-insulated probes, 30-gauge (0.010" dia) wire; 5-ft L. Ideal for checking food temperatures. Pack of six.				
TS-08515-87	J	-310 to 759 (-190 to 404)	Junction: exposed Response time: 0.5 sec	 0.052" outer dia
TS-08515-86	K	-418 to 759 (-250 to 404)		
TS-08515-85	T	-418 to 759 (-250 to 404)		
Fiberglass-insulated probes, 24-gauge (0.020" dia) wire; 10-ft L. Use for high-temperature measurements.				
TS-08522-81	J	-310 to 900 (-190 to 482)	Junction: exposed Response time: 15 sec	 0.052" x 0.081" outer dia
TS-08522-82	K	-418 to 900 (-250 to 482)		
TS-08522-83	T	-418 to 750 (-250 to 400)		
High-temperature fiberglass-insulated probes, 20-gauge (0.032" dia) wire, 10-ft L. Use for high-temperature measurements.				
TS-08477-22	J	-418 to 1300 (-250 to 704)	Junction: exposed Response time: 15 sec	 0.08" x 0.13" outer dia
TS-08477-24	K	-418 to 1300 (-250 to 704)		
High-temperature ceramic fiber-insulated probe, 20-gauge (0.032" dia) wire, 5-ft L. Use for high-temperature measurements. (Ceramic fiber cannot be handled after 800°F (426°C) due to flaking of insulation)				
TS-08477-64	K	-418 to 2500 (-250 to 1400)	Junction: exposed Response time: 15 sec	 0.10" x 0.16" outer dia 0.40" dia
TS-17011-10	NIST-traceable calibration with data			