

Temperature accessories

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Temperature probes

These temperature probes expand the functionality of Fluke thermometers, while offering the same rugged reliability of Fluke test tools.



80PK-1



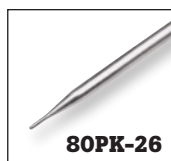
80PK-3A



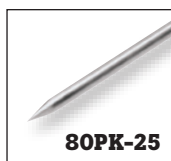
80PK-9



80PK-27



80PK-26



80PK-25



80PK-24



80PK-22

General purpose measurements

80PJ-1 or 80PK-1 Bead Probe

Type J or K thermocouple probe for general-purpose applications. Ideal for troubleshooting.

- 1 m (39 in) lead
- 1 mm (0.04 in) probe with Teflon® insulation
- Measurement range: -40 °C to 260 °C (-40 °F to 500 °F)

80PJ-9 or 80PK-9 General Purpose Probe

Type J or K thermocouple probe for air and non-caustic gases. The sharp tip pierces pipe insulation and the flat surface makes good contact.

- 1 m (39 in) lead
- 15.25 cm (6 in) stainless steel probe
- Measurement range: -40 °C to 260 °C (-40 °F to 500 °F)

80PK-26 SureGrip™ Tapered Temperature Probe

Type K thermocouple probe with tapered tip for speedy air, surface, non-caustic gas, and liquid measurements.

- 1 m (39 in) lead
- 203 mm (8 in) stainless steel probe
- Measurement range: -40 °C to 816 °C (-40 °F to 1500 °F)

Surface measurements

80PK-3A Surface Probe

Type K thermocouple with exposed junction for flat or slightly convex surfaces such as plates and rollers.

- 1.3 m (4 ft) lead
- 9.525 cm (3.75 in) probe with Teflon® insulation
- Measurement range: 0 °C to 260 °C (32 °F to 500 °F)

80PK-27 SureGrip™ Industrial Surface Temperature Probe

Type K thermocouple probe for surfaces in rugged environments.

- 1 m (39 in) lead
- 20.32 cm (8 in) stainless steel probe
- Measurement range: -127 °C to 600 °C (-197 °F to 1112 °F)

Piercing measurements

80PK-25 or 80PT-25 SureGrip™ Piercing Temperature Probe

Type K or T thermocouple suitable for food industry, liquids, and gels. Sharp tip pierces solid surfaces.

- 1 m (39 in) lead
- 10.16 cm (4 in) stainless steel probe
- Measurement range:
 - Type K: -40 °C to 350 °C (-40 °F to 662 °F)
 - Type T: -196 °C to 350 °C (-321 °F to 662 °F)

Air measurements

80PK-24 SureGrip™ Air Temperature Probe

Type K thermocouple probe for air and non-caustic gas measurements.

- 1 m (39 in) lead
- 21.59 cm (8.5 in) Inconel® probe
- Bead protected by perforated baffle
- Measurement range: -40 °C to 816 °C (-40 °F to 1500 °F)

Immersion measurements

80PK-22 SureGrip™ Immersion Temperature Probe

Type K thermocouple probe for use in liquids and gels.

- 1 m (39 in) lead
- 21.27 cm (8.375 in) Inconel® probe
- Measurement range: -40 °C to 1090 °C (-40 °F to 1994 °F)

Pipe measurements

80PK-8 and 80PK-10 Pipe Clamp Temperature Probe

Type K thermocouple clamps securely to pipes for fast temperature and superheat measurements.

- Durable ribbon sensor
- 1 m (39 in) lead
- 80PK-8 for pipe diameters 6.4 mm to 34.9 mm (0.25 in to 1.375 in)
- 80PK-10 for pipe diameters 32 mm to 64 mm (1.25 in to 2.5 in)
- Measurements are repeatable to 0.56 °C (1 °F)
- Measurement range: -29 °C to 149 °C (-20 °F to 300 °F)