

Left to right: 80PK-27,
80PK-26, 80PK-24

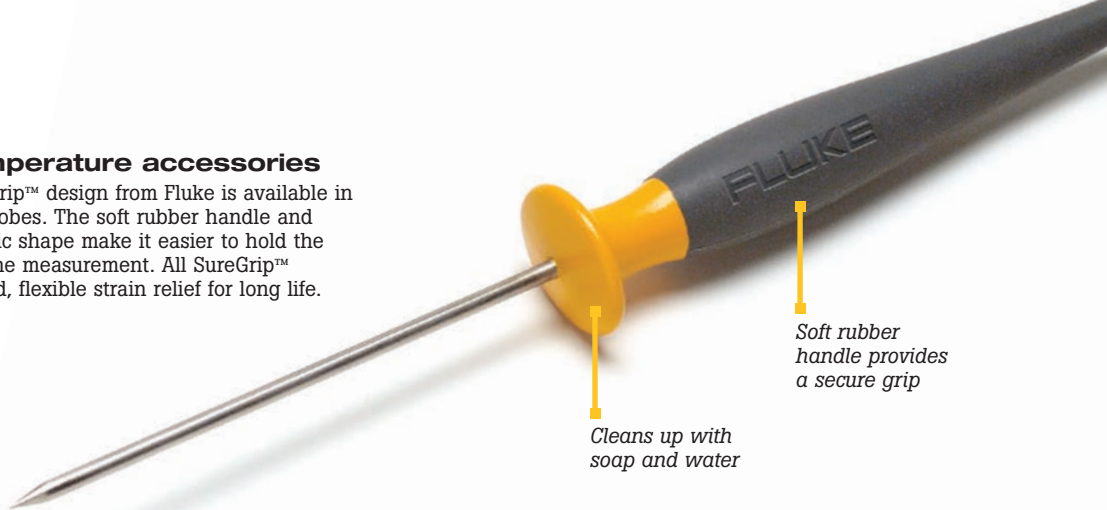
Temperature compatibility

Model number	80AK-A	80BK-A	All 80PK Probes	80PJ-1/ 80PJ-9	80PT-25	80TK	80T-150UA	80PJ-EXT	80PK-EXT	80PT-EXT	80CK-M	80CJ-M	80PR-60
10/11/12/12B			*			•	•		*		*		
110/111/112			*			•	•		*		*		
114/115/116/117	116	116	◆						▲		▲		
20/70 Series			*			•	•		*		*		
27						•	•		*		*		
70/73 III			*			•	•		*		*		
175/177			*			•	•		*		*		
179	•	•	▲						▲		▲		
80 Series III/83V			*			•			*		*		
87/89 IV	•	•	▲						▲		▲		
87V	•	•	▲						▲		▲		
187/189	•	•	▲				•		▲		▲		
287/289	•	•	▲				•		▲		▲		
45/8845/8846			*			•	•		*		*		
43B			*			•	•		*		*		
90 Series			*			•	•		*		*		
120 Series			*			•	•		*		*		
190 Series			*			•	•		*		*		
50S/50D			•	•				•	•		•	•	
51/52/53/54 II			•	•	•			•	•	•	•	•	
63/66/68													66/68
714			•	•	•			•	•	•	•	•	
715			*			•	•		*		*		
725/726			•	•	•			•	•	•	•	•	
741/743/744			•	•	•			•	•	•	•	•	
787/789			*			•	•		*		*		
902	•	•	•						•				
1587	•	•	▲						▲		▲		
1577	•		▲										
561			•										
574/576			•										

• Compatible; * Requires 80TK; ▲ Requires 80AK-A; ◆116 only: requires 80AK-A

SureGrip™ temperature accessories

The innovative SureGrip™ design from Fluke is available in select temperature probes. The soft rubber handle and comfortable ergonomic shape make it easier to hold the probe and focus on the measurement. All SureGrip™ probes have improved, flexible strain relief for long life.



Cleans up with soap and water

Soft rubber handle provides a secure grip

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-24



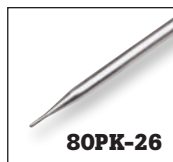
80PK-22



80PK-9



80PK-27



80PK-26



80PK-25

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)

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)

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

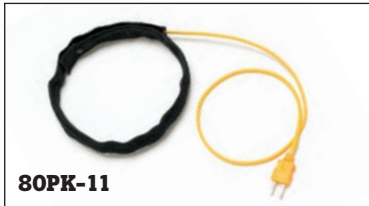
80PK-22 SureGrip™ Immersion Temperature Probe

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)



80PK-8



80PK-11



80PR-60

Pipe measurements

80PK-8 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
- For pipe diameters: 6.4 mm to 34.9 mm (0.25 in to 1.375 in)
- Measurements are repeatable to 0.56 °C (1 °F)
- Measurement range: -29 °C to 149 °C (-20 °F to 300 °F)

80PK-11 Type-K Velcro® Thermocouple Temperature Probe

Type K Velcro cuff for use with any temperature-measuring instrument that accepts type K thermocouples.

- Use multiples and leave in place for route-based routine maintenance
- 1 m (39 in) lead
- 48 cm (19 in) Velcro® cuff
- Measurement range: -30 °C to 105 °C (-22 °F to 221 °F)



80TK

Contact measurements (for use with non-contact infrared thermometers)

80PR-60 RTD Temperature Probe

This probe expands the utility of an RTD non-contact infrared thermometer by simultaneously taking contact and non-contact temperature readings.

- For use with the Fluke 66 and 68 Infrared Thermometers
- 1 m (39 in) lead
- 90 mm (3.5 in) platinum 1 KW probe
- 3.5 mm (0.14 in) phono type jack
- Measurement range: -40 °C to 260 °C (-40 °F to 500 °F)

Temperature adapters for DMMs

80AK-A Thermocouple Adapter

Adapts type K thermocouple mini-connector to dual shrouded 4 mm (0.16 in) banana plug inputs.

- Measurement range and accuracy: probe dependent
- Suitable for low voltage applications (below 30 V ac, 60 V dc)

80BK-A Integrated DMM Temperature Probe

Convenient, integrated type K thermocouple probe with standard shrouded 4 mm (0.16 in) banana jack.

- Compatible with Fluke DMM with temperature measurement functions
- 1 m (39 in) lead
- Measurement range: -40 °C to 260 °C (-40 °F to 500 °F)

80TK Thermocouple Module

This module converts a DMM to a thermometer and is designed for use with type K thermocouples in low voltage applications.

- Voltage range: below 24 V ac, 60 V dc
- 1 m (39 in) lead
- Measurement range: -50 °C to 1000 °C (-58 °F to 1832 °F) (probe dependent)



80T-150UA



80AK-A



80BK-A

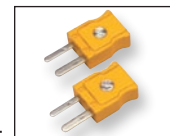
80T-150UA Universal Temperature Probe

Adapts any DMM using shrouded 4 mm (0.16 in) banana plugs. This fast, accurate integrated probe is designed for low-voltage applications.

- For air, surface, and non-corrosive applications
- Voltage range: below 24 V ac, 60 V dc
- 1.1 m (42 in) lead
- 15.7 cm (6.2 in) probe tip
- Measurement range: -50 °C to 150 °C (-58 °F to 302 °F)
- Output: switchable, from 1 mV/°C to 1 mV/°F

Other temperature accessories

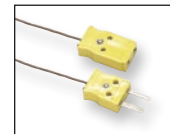
80CJ-M or 80CK-M Male Mini-Connectors



Type J or K thermocouple, suitable for up to 20-gauge thermocouple wire.

- Isothermal screw terminal for J wire
- Two per package

80PJ-EXT, 80PK-EXT, or 80PT-EXT Extension Wire Kit



This kit extends and repairs type J, K, or T thermocouple wires for thermometers.

- Includes 3 m (118 in) of thermocouple wire and one pair of male/female mini-connectors
- Maximum continuous exposure temperature: 260 °C (500 °F)