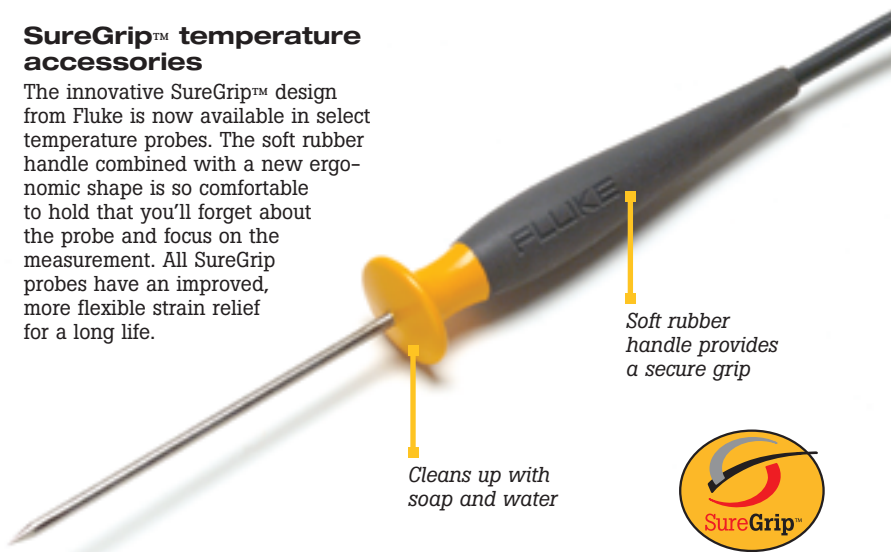


Fluke temperature accessories

Hot probes with cool designs

SureGrip™ temperature accessories

The innovative SureGrip™ design from Fluke is now available in select temperature probes. The soft rubber handle combined with a new ergonomic shape is so comfortable to hold that you'll forget about the probe and focus on the measurement. All SureGrip probes have an improved, more flexible strain relief for a long life.



Soft rubber handle provides a secure grip

Cleans up with soap and water



The right tool for the job

Make better temperature measurements with a probe designed for your application. The 80PK-8 pipe clamp probe (shown) is specifically designed for measuring pipe temperatures, calculating superheat and sub-cooling for refrigeration troubleshooting. Other special purpose probes shown are designed for making quick surface, fluid and air temperature measurements. The piercing probe makes it possible to make temperature measurements below the surface of a soft object. To enable your Fluke DMM or 50 Series II thermometer to make its' best possible measurements, chose the correct probe from the selection guide below.

	Bead	Bead	HVAC	Immersion	Surface	Air	Piercing	General purpose	Industrial surface	Pipe clamp
Lowest temp	-40 °C (-40 °F)	-40 °C (-40 °F)	-30 °C (-22 °F)	-40 °C (-40 °F)	0 °C (32 °F)	-40 °C (-40 °F)	K Type: -40 °C (-40 °F) T Type: -196 °C (-321 °F)	-40 °C (-40 °F)	-127 °C (-196 °F)	-29 °C (-20 °F)
Highest temp	260 °C (500 °F)	260 °C (500 °F)	105 °C (221 °F)	1090 °C (1994 °F)	260 °C (500 °F)	816 °C (1500 °F)	350 °C (662 °F)	816 °C (1500 °F)	600 °C (1112 °F)	149 °C (300 °F)
Probe material	K type wire with teflon insulation		Velcro	Inconel 600	K type sensor with teflon body	Inconel	316 Stainless Steel	304 Stainless Steel		K type sensor with pvc body
Probe length	1 m Lead Wire		19 m Velcro cuff	21.27 cm (8.375 in)	9.525 cm (3.75 in)	21.59 cm (8.5 in)	10.16 cm (4 in)	21.57 cm (8.5 in)	20.32 cm (8 in)	for pipes from 6.4 mm (.25 in) to 34.9 mm (1.375 in)
Cable length	1 m (39 in)				1.3 m (4 ft)	1 m (39 in)				
Connection	Standard Banana Jack	Molded Thermocouple Plug								
SureGrip handle	No	No	No	Yes	No	Yes	Yes	Yes	Yes	No
Key feature	Ideal for initial troubleshooting. Can be secured in place with a magnet.		Velcro probe allows hands free temperature measurement.	For use in liquids or in gels.	Exposed junction for direct contact with flat or slightly convex surfaces.	Perforated baffle for air and non-caustic gas measurements	Probe material safe for use in foods. Sharp tip pierces solid surfaces..	Use for general purpose air or surface measurements	Low conductivity stainless steel minimizes thermal shunting. Extra rugged.	Clamps securely to pipe. Measurements are repeatable to 0.36 °C (1 °F).
Thermocouple types	K	K, J	K	K			K, T	K		
Typical use										
General purpose	•	•	•	•	•	•	•	•	•	•
HVAC		•	•	•	•	•		•	•	•
Food service				•			•			
Industrial	•	•	•						•	•
Residential	•	•								•
Commercial	•	•	•	•	•	•	•	•	•	•

Use an 80AK adapter with meters with temperature function such as the 16, 78, 83V, 87V, 88V, 179, 187 and 189
 The 80TK enables your meter to read temperature using mV (see the Accessory selection guide on page 60 for meters)
 For the Fluke Thermometer, 51, 52, 53, and 54 III, no adapter is necessary for thermocouple types K, J, T and E

For more information and detailed specifications, go to www.fluke.com/accessories

