

# Fluke temperature accessories

## Hot probes with cool designs

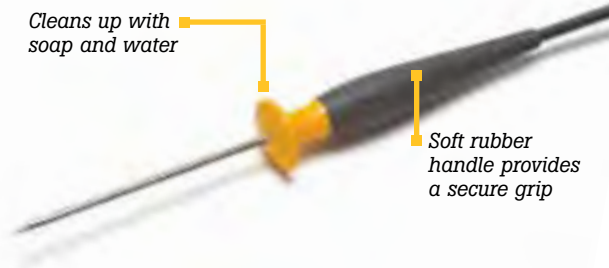


### SureGrip™ temperature accessories

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.



Cleans up with soap and water



Soft rubber handle provides a secure grip

	Bead	Bead	HVAC	Immersion	Surface	Air	Piercing	General purpose	Industrial surface
	<b>80BK-A</b>	<b>80PK-1 80PJ-1</b>	<b>80PK-11</b>	<b>80PK-22</b>	<b>80PK-3A</b>	<b>80PK-24</b>	<b>80PK-25 80PT-25</b>	<b>80PK-26</b>	<b>80PK-27</b>
Lowest temperature	-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)
Highest temperature	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)
Probe material	Type K wire with teflon insulation		Velcro	Inconel 600	Type K sensor with teflon body	Inconel	316 Stainless Steel	304 Stainless Steel	
Probe length	1 m lead wire		19 in 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)
Cable length	1 m (3.3 ft)				1.3 m (4 ft)	1 m (3.3 ft)			
Connection	Standard banana jack		Molded thermocouple plug						
SureGrip handle	No	No	No	Yes	No	Yes	Yes	Yes	Yes
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.
Thermocouple types	K	K, J	K	K			K, T	K	
<b>Typical use</b>									
General purpose	•	•	•	•	•	•	•	•	•
HVAC	—	•	•	•	•	•	—	•	•
Food service	—	—	—	•	—	—	•	—	—
Industrial	•	•	•	—	—	—	—	—	•
Residential	•	•	—	—	•	•	•	—	—
Commercial	•	•	•	•	•	•	•	•	•

The 80TK enables your meter to read temperature using mV.  
For the Fluke Thermometer, 51, 52, 53, and 54 III, no adapter is necessary for thermocouple types K, J, T and E.

Temperature Accessories Selection Guide	110/111/112	114/115/117	116	27 II	28 II	175/177	179	233	80 Series III/83V	87V	187/189	287/289	45/8845/8846	43B	120 Series	190 Series	51-II/52-II/53-II/54-II-B	561	574/576	714	715	725/726	741/743/744/754	787/789	902	1587	1577	
80BK-A	—	—	•	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
All 80PK Probes	*	*	▲	*	▲	*	▲	▲	*	▲	▲	▲	*	*	*	*	•	•	•	•	*	•	•	*	•	•	▲	▲
80PJ-1/80PJ-9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	•	•	•	•	—	•	•	—	•	•	—	—
80PT-25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	•	•	•	•	—	•	•	—	•	•	—	—
80TK	•	•	—	•	—	•	—	—	•	—	—	—	•	•	•	•	—	—	—	—	•	•	—	•	•	—	—	
80T-150UA	•	•	—	•	—	•	—	—	—	—	—	—	•	•	•	•	—	—	—	—	•	•	—	•	•	—	—	
80PJ-EXT	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	•	•	•	•	—	•	•	—	•	•	—	—
80PK-EXT	*	*	▲	*	▲	*	▲	▲	*	▲	▲	▲	*	*	*	*	•	•	•	•	*	•	•	*	•	•	▲	—
80PT-EXT	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	•	•	•	•	—	•	•	—	•	•	—	—
80CK-M	*	*	▲	*	▲	*	▲	▲	*	▲	▲	▲	*	*	*	*	•	•	•	•	*	•	•	*	•	•	▲	—
80CJM	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	•	•	•	•	—	•	•	—	•	•	—	—

\* Requires 80TK ▲ Requires 80AK-A — N/A