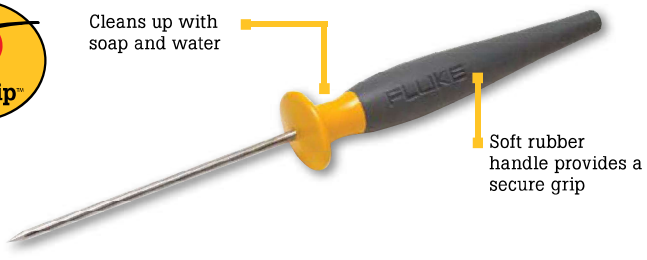
TEMPERATURE ACCESSORIES

	Bead	Bead	HVAC	Immersion	Surface	Air	Piercing	General purpose	Industrial surface	Pipe clamp
	80BK-A	80PK-1 80PJ-1	80PK-11	80PK-22	80PK-3A	80PK-24	80PK-25 80PT-25	80PK-26	80PK-27	80PK-8
Lowest temperature	-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 temperature	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 (300.2 °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		Type K sensor with PVC body
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)	For pipes from 6.4 mm (.25 in) to 34.9 mm (1.375 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				•		•	•	•	•	
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 noncaustic 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 0.56 °C (1 °F)
Thermocouple types	K	K, J	K	K			K, T	K		
Typical use										
General purpose	•	•	•	•	•	•	•	•	•	•
HVAC		•	•	•	•	•		•	•	•
Food service				•			•			
Industrial	•	•	•						•	•
Residential	•	•			•	•	•			•
Commercial	•	•	•	•	•	•	•	•	•	•

Temperature accessories selection guide

	113/114/115/116/117	175/177	179	233	3000 FC DMM	287/289	27-II/28-II	8845A/8846A/8808A	77 IV	83 V	87 V/88V	43B	120 Series	190 Series II	1577	1587 FC	51/52/53/54-II	561	566/568/572-2	705/707	714	715	724/725	753/754	787/789
Contact probes																									
80PK-1/80PK-27	1	1	2	2	2	2	2	1	1	1	2	1	1	1	1	2	•	•	•	1	•	1	•	•	1
80PJ-1/80PJ-9																	•				•		•	•	
80PT-25																	•				•		•	•	
DMM probes																									
80AK-A	•3		•	•		•	•5				•					•	•								
80BK-A	•3		•	•		•	•5				•					•									
80TK	•						•6	•	•	•		•	•	•	•					•		•		•	•
80T-150UA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•			•		•		•	•
Miscellaneous																									
80CK-M	1	1	2	2	2	2	2	1	1	1	2	1	1	1	1	2	•	•	•	1	•	1	•	•	1
80CJ-M																	•				•		•	•	
80PK-EXT (4)	1	1	2	2	2	2	2	1	1	1	2	1	1	1	1	2	•	•	•	1	•	1	•	•	1
80PJ-EXT																	•				•		•	•	
80PT-EXT																	•				•		•	•	

1-Requires 80TK 2-Requires 80AK 3-Fluke 116 Only 4-Also requires 80CK-M 5-28 II only 6-27 II only

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.