

Flexible 400-Series Thermistor Probes

Excellent accuracy over the biological temperature range

Probes are accurate to $\pm 0.2^{\circ}\text{F}$ from 32 to 150 $^{\circ}\text{F}$ ($\pm 0.1^{\circ}\text{C}$ from 0 to 70 $^{\circ}\text{C}$). Electrically isolated probes include a nondetachable 10-ft lead with 1/4" phono plug (except as noted).



1/4" phono plug

Specifications & Ordering Information

Catalog number	Description	Temperature range	Dimensions
WD-08491-02	General-purpose probe, immersible for short-term deep-water and sub soil readings. Vinyl sheath and tip. 10-ft lead.	-40 to 212°F (-40 to 100°C)	
WD-08491-04	Like 08491-02 above, but with 50-ft lead.		
WD-08491-03	Like 08491-02 above, but with 100-ft lead.		
WD-08491-05	Small flexible probe, vinyl sheath and tip.	-40 to 212°F (-40 to 100°C)	
WD-08491-06	Liquid-immersion probe, 5/32" dia, 316 stainless steel (SS). Immersible only to cap unless waterproofed.	-40 to 302°F (-40 to 150°C)	
WD-08491-07	Like 08491-06 above, but with 1/8" dia probe.		
WD-08491-13	Liquid-immersion probe, chemically inert for thermometric titrations. Pyrex® glass sheath.	-40 to 302°F (-40 to 150°C)	
WD-08491-17	Small flexible probe for frozen food packages and cuvettes. Nylon and epoxy tip.	-110 to 212°F (-80 to 100°C)	
WD-08491-15	Epoxy-encapsulated thermistor element. Copper wire is 32 gauge; 3" long (no plug).	-110 to 167°F (-80 to 75°C) continuous use; 212°F (100°C) max intermittent use.	
WD-07549-99	1/4" phono plug for 08491-15 (above)	—	
WD-08491-12	Pipe-fitting probe for closed pipes or vessels. Probe and fitting are 316 SS; not autoclavable; nondetachable lead. Not electrically isolated; 4 1/2" long.	-40 to 300°F (-40 to 150°C)	
WD-08491-14	Pipe-fitting probe for closed pipes or vessels. Probe and fitting are 316 SS; autoclavable except lead; lead is detachable via BNC connector. Not electrically isolated; 1" long.	-40 to 300°F (-40 to 150°C)	
WD-08491-08	Air temperature probe for test rooms, gas stream temperatures, and incubators. 316 SS cage around epoxy-encapsulated thermistor.	-40 to 300°F (-40 to 150°C)	
WD-08491-10	Attachable surface probe, recommended for skin or flat-surface temperature measurements. Epoxy-backed 316 SS disk. Vinyl-covered parallel leads.	-40 to 212°F (-40 to 100°C)	
WD-08491-09	Surface probe for skin, flat surfaces, and soil temperatures. Disk is 316 SS; probe includes handle.	-40 to 300°F (-40 to 150°C)	
WD-08491-11	Small surface probe. Epoxy-backed 316 SS disk on 24" nondetachable PTFE lead. Not autoclavable; not electrically isolated.	-40 to 300°F (-40 to 150°C)	
WD-08491-16	Penetration probe for insertion into semi-solids like fruits, soil, tobacco. No handle. All 316 SS, with vinyl-covered lead.	-40 to 300°F (-40 to 150°C)	

You'll find more thermistor probes on page 19.