

PFA Coated Thermocouple Probes

With Standard Size Connectors

We Can PFA Coat Most Thermocouple Probes. Contact Our Sales Department for Availability and Price.



Applications

- ✓ Battery Electrolyte
- ✓ Plating Baths
- ✓ Anodizing Baths
- ✓ Severe Environments

- ✓ Chemically Inert
- ✓ Electrically Insulated
- ✓ Rated to 205°C (400°F)
- ✓ Quick-Disconnect Style
- ✓ 1.5 mm ($\frac{1}{16}$ ") or 3.0 mm ($\frac{1}{8}$ ") Diameter
- ✓ Grounded Junction
- ✓ 300 mm (12") Probe Standard†
- ✓ 0.010 PFA Coating (Typical)

PFA coated probes are the perfect solution when there is a need to measure the temperature of caustic or corrosive chemical solutions in industrial and laboratory environments. The superior corrosion resistance of PFA allows you to measure the temperature of sulfuric, hydrochloric, nitric, and chromic acids, as well as caustic compounds.

All products shown smaller than actual size.

HDX probe handle not included. Please see omega.com/sdx_hdx_probes of probe handles.

Note: OMEGA can pre-bend PFA coated probes prior to shipping. Consult Sales for this option. Probes ordered from this page are shipped straight.

To Order

Calibration	Probe Dia.* mm (inch)	Model Number
Iron-Constantan J	1.5 ($\frac{1}{16}$)	ICSS-116G-12-PFA
	1.5 ($\frac{1}{16}$)	ICSS-116G-18-PFA
	1.5 ($\frac{1}{16}$)	ICSS-116G-24-PFA
	6.0 ($\frac{1}{4}$)	ICSS-14G-12-PFA
	6.0 ($\frac{1}{4}$)	ICSS-14G-18-PFA
	6.0 ($\frac{1}{4}$)	ICSS-14G-24-PFA
	3.0 ($\frac{3}{16}$)	ICSS-18G-12-PFA
	3.0 ($\frac{3}{16}$)	ICSS-18G-18-PFA
CHROMEALOMEGA® K	1.5 ($\frac{1}{16}$)	CASS-116G-12-PFA
	1.5 ($\frac{1}{16}$)	CASS-116G-18-PFA
	1.5 ($\frac{1}{16}$)	CASS-116G-24-PFA
	3.0 ($\frac{3}{16}$)	CASS-18G-12-PFA
	3.0 ($\frac{3}{16}$)	CASS-18G-18-PFA
	3.0 ($\frac{3}{16}$)	CASS-18G-24-PFA
Copper-Constantan T	1.5 ($\frac{1}{16}$)	CPSS-116G-12-PFA
	1.5 ($\frac{1}{16}$)	CPSS-116G-18-PFA
	1.5 ($\frac{1}{16}$)	CPSS-116G-24-PFA
	3.0 ($\frac{3}{16}$)	CPSS-18G-12-PFA
	3.0 ($\frac{3}{16}$)	CPSS-18G-18-PFA
CHROMEALOMEGA®-Constantan E	1.5 ($\frac{1}{16}$)	CXSS-116G-12-PFA
	1.5 ($\frac{1}{16}$)	CXSS-116G-18-PFA
	1.5 ($\frac{1}{16}$)	CXSS-116G-24-PFA
	3.0 ($\frac{3}{16}$)	CXSS-18G-12-PFA
	3.0 ($\frac{3}{16}$)	CXSS-18G-18-PFA
	3.0 ($\frac{3}{16}$)	CXSS-18G-24-PFA

Standard size connectors, shown smaller than actual size.

Available in lengths up to 1.2 m (4').

Mating connector, cable clamp and locking clip included.

* Before PFA coating. † Other lengths available, consult Sales department.

Ordering Example: CASS-18G-12-PFA, coated thermocouple probe, Type K, stainless steel sheath, 3 mm ($\frac{1}{8}$ ") Dia., grounded, 300 mm (12") long.

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