

# FAST-RESPONSE THERMOCOUPLES WITH SELF-ADHESIVE BACKING

## SA1 Series

Starts at  
**\$60**  
5-pack



**177°C (350°F)  
Temperature  
Rating**

- ✓ Special-Limits-of-Error Wire
- ✓ Self-Adhesive Backing for Easy Installation
- ✓ Better Than 0.3 Second Response Time
- ✓ 0.9 m (36") Color-Coded PFA-Insulated Leads
- ✓ Rated to 175°C (347°F) Long Term
- ✓ Available in J, K, T, and E Calibrations

OMEGA's self-adhesive thermocouples are designed for fast measurement of surface temperature. These sensors are manufactured from 30 AWG PFA-coated thermocouple wire, with a flattened bead secured between a high-temperature polymer and a high-temperature, fiber-reinforced polymer. This combination affords good thermal conductivity and fast response. The self-adhesive backing makes installation easy; no epoxy or cement is required.

### SPECIFICATIONS

#### Thermocouple Calibrations:

- J: Iron-constantan
- K: CHROME<sup>®</sup>GA-ALOMEGA<sup>®</sup>
- T: Copper-constantan
- E: CHROME<sup>®</sup>GA-constantan

**Adhesive:** Silicon-based cement

**Max Temp:** 175°C (347°F) continuous

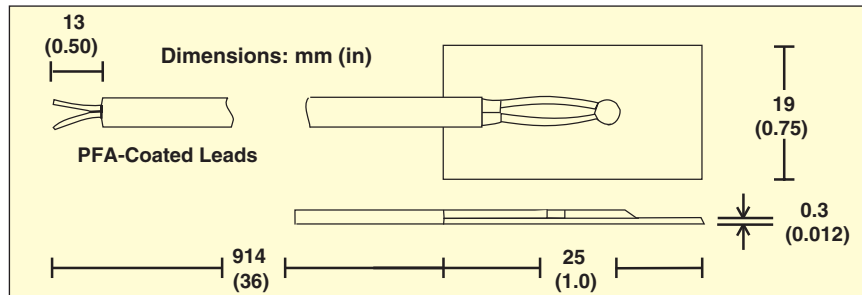
**Min Temp:** -60°C (-75°F) continuous

**Laminates:** High-temperature polymer, fiberglass-reinforced polymer layers

**Wire:** 0.9 m (36") leads, 30 AWG PFA coated



SA1-K, \$60, shown actual size.



**MOST POPULAR MODELS HIGHLIGHTED!**

### To Order (Specify Model Number)

MODEL NO.	PRICE (PKG/5)	DESCRIPTION
SA1-(*)	\$60	Thermocouple, 36" long, stripped ends
SA1-(*)-72	80	Thermocouple, 72" long, stripped ends
SA1-(*)-SC	75	Thermocouple, 36" long, spool cap connector
SA1-(*)-72-SC	95	Thermocouple, 72" long, spool cap connector

\* Specify J, K, T or E thermocouple type. **Note:** Maximum wire length with spool cap is 72". To order probes with 120" leads, add "-120" to model number, \$100 per package of 5. **Ordering Example:** SA1-K-SC-120, package of 5 Type K thermocouples with spool caps and 120" wire leads, \$100.

#### ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
CM-4363	\$85	Reference Book: Plant Design for Safety



Shown with DP25B-TC, meter, \$245, see page D-25.





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