



The "All-in-One" Surface Thermocouple

Fibreglass-Insulated Thermocouple Wire Leads

High or Low Temperatures!

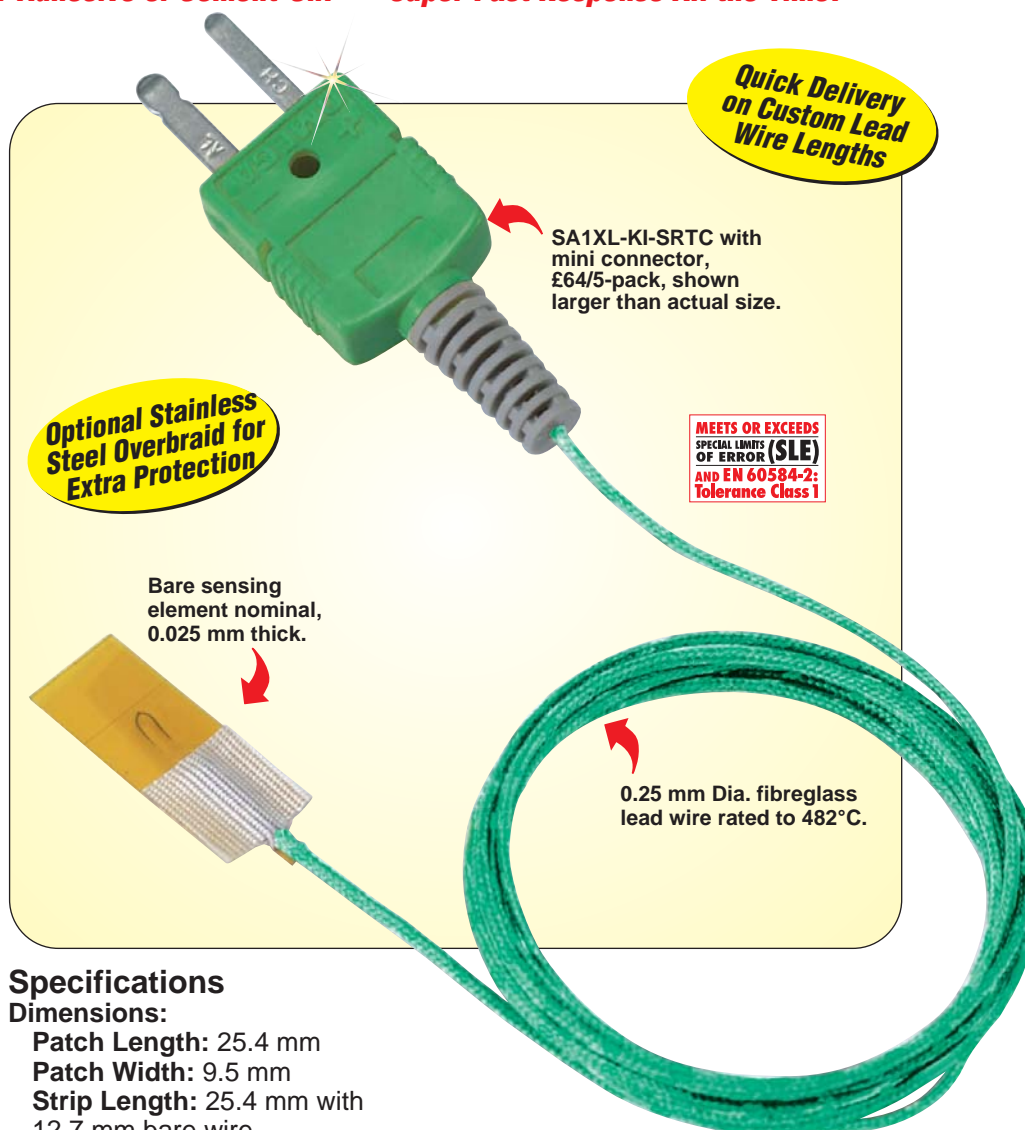
Self-Adhesive or Cement-On!

Super-Fast Response All the Time!

SA1XL
Starts at
£54
5-Pack

- ✓ Stocked in 1, 2, and 3 m Lengths
- ✓ Custom Lead Lengths Available
- ✓ Available in J, K, T, and E Calibrations
- ✓ Stripped Leads Standard (Moulded Miniature Connector with Integral Strain Relief Optional)
- ✓ Easy-to-Install Silicone-Based, Self-Adhesive Backing (Rated to 260°C)
- ✓ Sensor Rated to 315°C When Used as a "Cement-On" (OMEGABOND™ Air Set Cements Available—Place Sensor and Encapsulate with OMEGABOND™ Air Set Cement)

OMEGA™ introduces the next generation of our surface-mount fast-response thermocouples. The new SA1XL thermocouple achieves response times of less than 0.15 seconds. This thermocouple is constructed using a Polyimide/fibreglass-junction insulation along with a fibreglass-insulated lead wire. The SA1XL can be used as a self-adhering thermocouple for temperatures up to 260°C or it can be cemented in place for use at temperatures up to 315°C.



Specifications

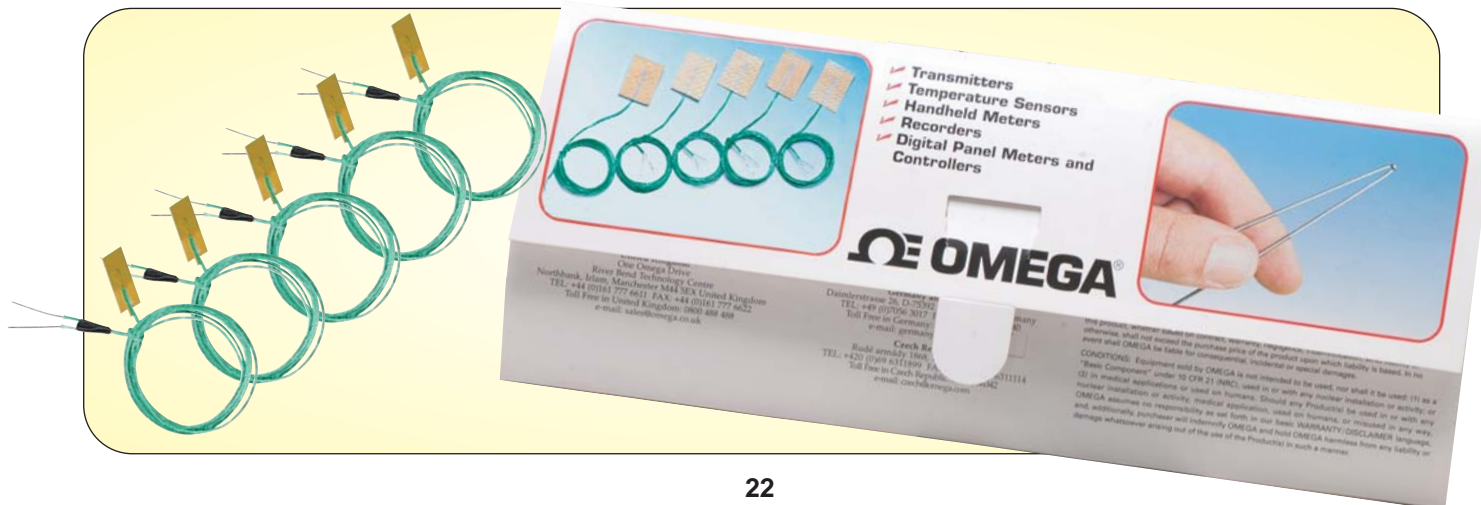
Dimensions:

Patch Length: 25.4 mm

Patch Width: 9.5 mm

Strip Length: 25.4 mm with 12.7 mm bare wire

AVAILABLE FROM STOCK IN CONVENIENT 5-PACKS!

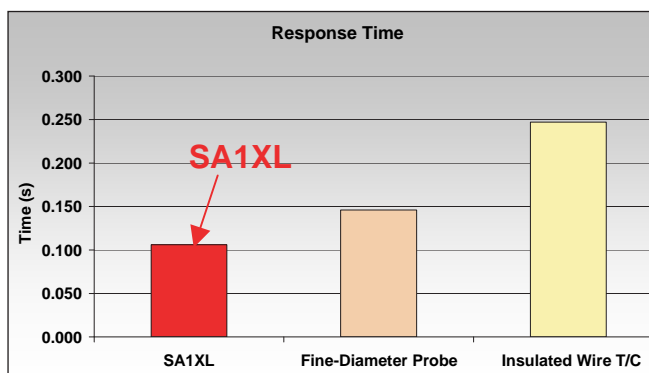




OMEGABOND™, starts at £15, see accessory table or page 151 for additional information.



The self-adhesive mounting strip is ideal for "targeted" placement of the sensor element. Once the element is in place, it can be used "as is", for applications such as electronic component temperature monitoring during board fabrication. It can also be cemented in place using OMEGABOND™ for higher temperatures.



Tests show that the SA1XL temperature sensor is significantly faster than a typical insulated 0.25 mm thermocouple or fine-diameter, metal-sheathed probe.

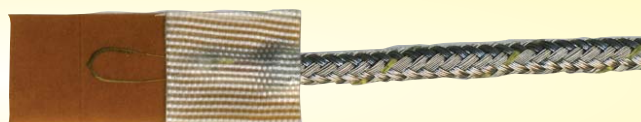
Accessories

Model No.	Price	Description
OB-100-16	£21.50	OMEGABOND™ 100 450 g kit, fast-setting, 2-part epoxy (sets in 8 to 12 min)
OB-200-16	36.85	OMEGABOND™ 200 450 g kit, high temperature, 2-part epoxy
OB-400	24.15	OMEGABOND™ 400 powder, 225 g (one part cement; just mix with water)
OB-700	24.15	OMEGABOND™ 700 powder, 225 g (one part cement; just mix with water)

Please visit omega.co.uk for additional OMEGABOND™ products.

Available with Stainless Steel Overbraid!

For applications requiring more durable lead wire, OMEGA's SA1XL surface thermocouples are available with Stainless Steel overbraid. Add suffix "-SB" to the model number.



Ordering Example: SA1XL-KI-1M-SB, £67 + (2 X £20) = £107.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	SS Braid -SB Option**	Description
SA1XL-(*)I	£54	£67	5-pack, self-adhesive thermocouple, 1 m, stripped ends
SA1XL-(*)I-2M	67	89	5-pack, self-adhesive thermocouple, 2 m, stripped ends
SA1XL-(*)I-3M	80	119	5-pack, self-adhesive thermocouple, 3 m, stripped ends
SA1XL-(*)I-SRTC	64	77	5-pack, self-adhesive thermocouple, 1 m, moulded SMP male
SA1XL-(*)I-2M-SRTC	77	99	5-pack, self-adhesive thermocouple, 2 m, moulded SMP male
SA1XL-(*)I-3M-SRTC	90	129	5-pack, self-adhesive thermocouple, 3 m, moulded SMP male

* Insert calibration K, J, T or E.

**Insert "-SB" for stainless steel overbraid.

Ordering Examples: SA1XL-KI-2M-SRTC, 5-pack Type K, super-fast, self-adhesive thermocouple, 2 m fibreglass-insulated leads, with a moulded-on miniature connector with strain relief, and OB-400 high-temperature air set cement, 225 g, £77 + 24.15 = £101.15.
SA1XL-KI-2M-SRTC-SB, 5-pack Type K, self-adhesive thermocouple, 2 m, with SS overbraid, £99.

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• Flow and Level

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• pH and Conductivity

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• Data Acquisition

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters