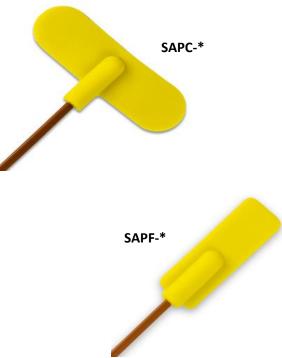


## **Molded Silicone Adhesive Thermocouple**

SAP-TC-Series thermocouples Omega's are designed for surface temperature measurements. These thermocouples are ideal for both flat and curved surfaces. The integral thermocouple sensor is bonded onto the inner surface of the exposed silicone material, providing faster temperature response. These are available in four different thermocouple types: J, K, T, and E. The temperature range is -50 to 200°C (-58 to 392°F). Applications include hot plate measurements, pipe measurements, and these can be connected directly to instrument casings or motor housings to obtain an accurate temperature reading.



## **Features**

- Made of Silicone Rubber for excellent flexibility
- Self-Adhesive thin backing to increase response time
- Attach directly to clean surface for accurate temperature measurement
- Made for one-time placement on surface via self-adhesive pad
- Compact design, ideal for space constraints
- Temperature rating -50 to 200°C (-58 to 392°F)
- J, K, T, and E Calibrations
- Wire is 24 AWG, stranded, PFA-coated
- Stripped ends standard, other connector options available
- Available in IEC color codes

## **Specifications**

| Temperature Range        | -50 to 200°C (-58 to 392°F)                                |
|--------------------------|--|
| Material of Construction | Silicone pad   |
|                          | PFA-coated lead wire, 24 AWG                               |
| Thermocouple Type        | Type K, J, T and E   |
| Mounting Style           | Surface mount (Adhesive) for flat or curved surfaces       |
| Wire length              | 36, 72 and 120-inch standard. Other lengths available      |
| Termination              | Stripped ends (other connection options available)         |
| Pad Designation          | SAPC= pad for curved surfaces; SAPF= pad for flat surfaces |
| Dimensions               | SAPC: 0.59 X 1.97 X 0.29 in (15 x 50 x 7.4 mm)             |
|                          | SAPF: 1.41 x 0.48 x 0.29 in (35 x 12 x 7.4 mm)             |

Ordering Example: **SAPC-K-72**, self-adhesive silicone sensor with pad for curved surfaces, type K, 72 inches of PFA-coated lead wire with stripped leads.

## UNRESTRICTED