

Self-adhesive temperature probes

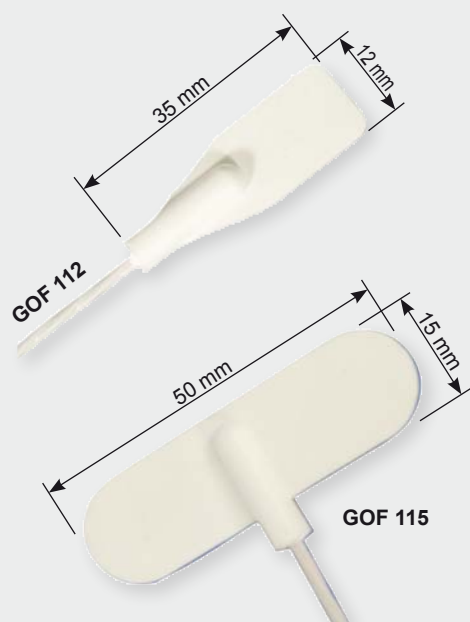
with moulded silicone design for surface measurement on curved and flat surfaces

GOF 112 Pt Pt100, 35 x 12 mm, cable length 2m, white

GOF 112 K NiCr-Ni, 35 x 12 mm, cable length 2m, green

GOF 115 Pt Pt100, 15 x 50 mm, cable length 2m, white

GOF 115 K NiCr-Ni, 15 x 50 mm, cable length 2m, green



Advantages:

- sensor have adhesive back for easy mounting
- ultra-slim silicone rubber for maximum flexibility
- resistant to a variety of chemicals and oils
- PFA-insulated connection cable, 2 m long (other length up on request)
- 2 designs for flat (GOF 112) or curved (GOF 115) surfaces available

Design type Pt100

- precision Pt100-probe, DIN class A, 4-wire connection
- temperature range: -50 ... +200 °C
- also available with Pt1000

Design type NiCr-Ni (type K)

The integral thermocouple sensor is bonded onto the inner surface of the self adhesive aluminum foil strip, which is provided for fast response time

- stranded NiCr-Ni-thermocouple wire (0.14 mm²)
- temperature range: -50 ... +200 °C
- also available with thermocouples type J, T and E

"Cement-On" thermocouples

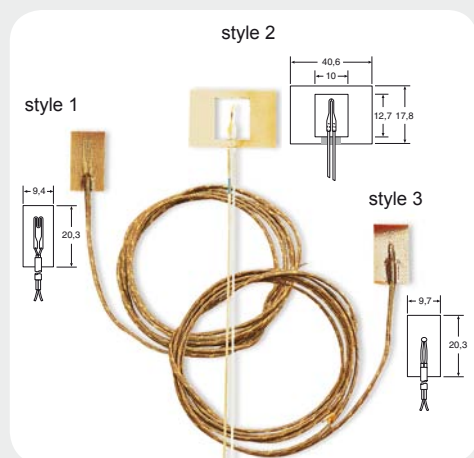
General description

The series GOF 120 are a model line of Cement-On, fast response thermocouples for fast surface temperature measurement. The model line have 3 different styles. (Please order the high temperature cement separately)

The **design styles 1 and 2** are made from 0.013 mm thermocouple alloy foil by a special process where the butt welded thermocouple junction is 0.013 mm in thickness. The thermocouples are fabricated from class 1!

These styles are flat, extremely low inertia construction and are ideal means of measuring the temperature of both flat and curved metals, plastic and ceramic surfaces where very fast response is desired.

The **design style 3** is an economy version constructed from 0.25 mm diameter bead welded standard limit of error thermocouple wire. It should be used where extremely fast response time is not essential.



GOF 120 - K1 NiCr-Ni, cable length 90 cm, max. 260°C (short-time: 370°C)

GOF 120 - K2 NiCr-Ni, cable length 15 cm, max. 540°C (short-time: 650°C)

GOF 120 - K3 NiCr-Ni, cable length 90 cm, max. 260°C (short-time: 370°C)

OB-700 high temperature chemical set cement, 235 ml (max. 871°C)

Highlights:

- ultra fast response time
(style 1: t_{63} = approx. 20 ms, style 2: approx. 5 ms, style 3: approx. 300 ms)
- very low thermal inertia
- also available with thermocouples type J (only design 3), T and E
- style 1 and 3 optionally available with other lengths

Please note: cannot be used with high temperature cement (will break down insulation)