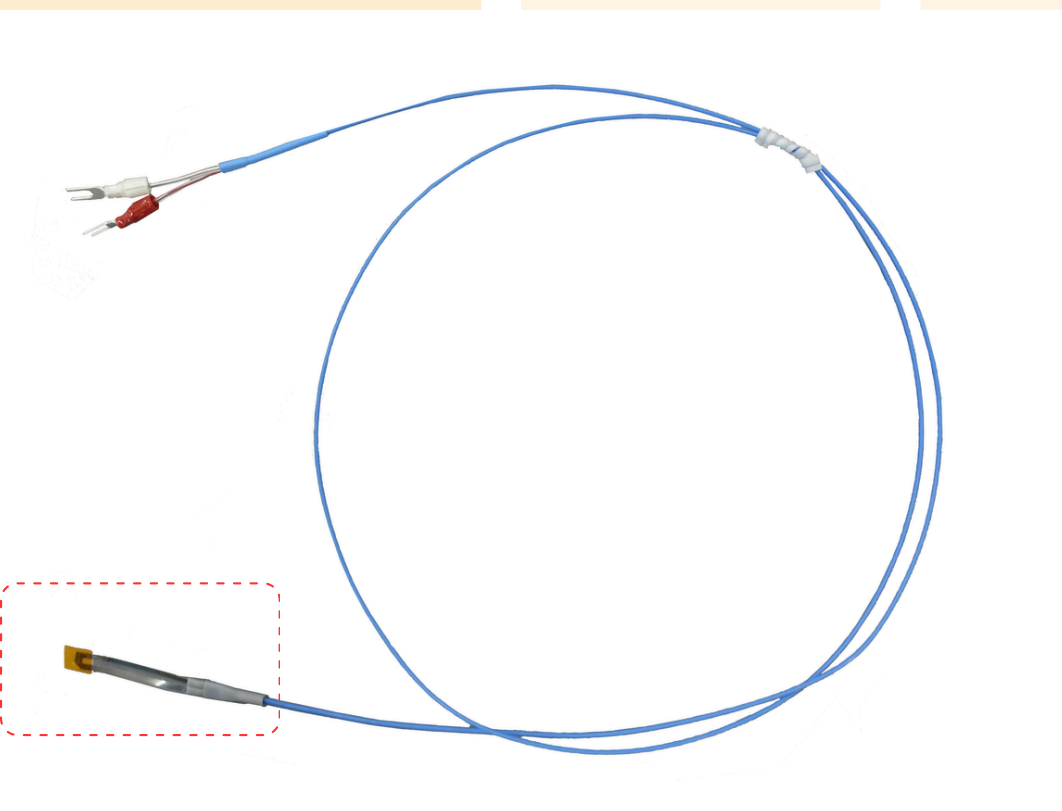


Thermocouple K Sheet type



Upper part: Polyimide



Top: Glass fiber

The tip of the sheet can be attached to either side without any problem.

Product names: TH-8297-1, TH-8297-3, TH-8297-10

Good thermal response! For measuring surface temperature it is a thermocouple formed on an insulating sheet, which is suitable for measuring surface temperature, and is a sheet-shaped thermocouple that is attached to the surface of the object to be measured quickly and accurately to measure the surface temperature.

Features

- Fast response time, adhesive and pasting.
- Fluoropolymer coating: Normal limit: 200°C, tolerance: Class 2 ($\pm 2.5^{\circ}\text{C}$ or $\pm 0.75\%$).

Applications

- Temperature controller (sold separately) temperature sensor compatible with monoOne-120/200. Can also be used for other temperature control equipment.
- Ideal for experimental temperature measurement, etc.

This product is for use by attaching it to a temperature controller (sold separately).

It is a thermocouple formed on an insulating sheet, which is suitable for measuring surface temperature, and is a sheet-shaped thermocouple that is attached to the surface of the object to be measured quickly and accurately to measure the surface temperature.

The response time is fast and it can be applied (adhesive tape for pasting will be prepared by the customer.) It has features such as relatively low price. It is ideal for experimental temperature measurement, etc.

Since it is a K-type thermocouple, it can be compatible with commercially available temperature controllers if the type is right.

If you don't have a type of thermostat or a temperature controller, you can also purchase the digital temperature controller monoOne and use it together.

How to use

Apply to the surface of the object to be measured with adhesive or crimp it for use. If you paste it with heat-resistant tape, you can use it as many times as you like. The maximum operating temperature depends on the properties of the adhesive and insulation, and if this problem is cleared, it can withstand an overload of 300°C or more. The response time depends on the adhesion situation, but it is about 50 ms, and for bare elements, it is 2~5 milliseconds. Especially when fast response times are required, if the object to be measured is insulating, the insulating sheet (bakelite-impregnated paper) can be peeled off and used.



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