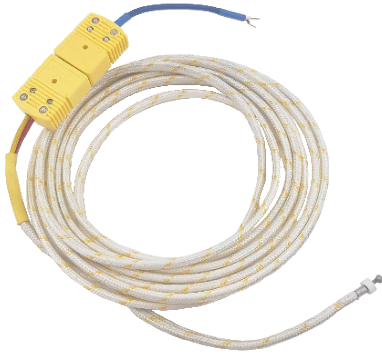
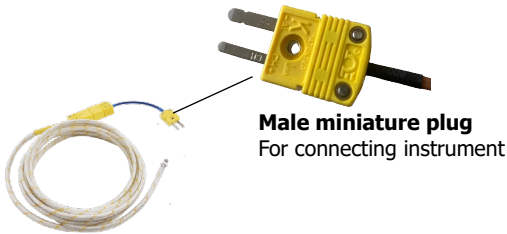


VERY HIGH TEMPERATURE THERMOCOUPLE TC38

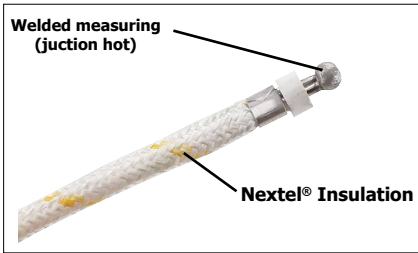


Male miniature plug (option)



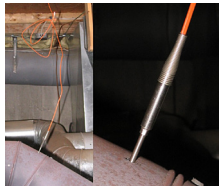
Application

In fact, many people always misunderstand about thermocouple probe. Even if they can measure a temperature according to temperature range table but the material of insulation cannot resist temperature more their heat resistance property.



The thermocouple head version almost always use in high temperature condition. Because of material that made have heat resistance property and suit for long wire connecting

The normal thermocouple version suit for every normal condition. They are easy to use and low cost



Feature / Application

- Very high temperature cable up to 1090 °C
- Strong and durable
- Do not use in steam process
- Do not touch any liquid.
- Do not use in low temperature
- i.e oven, furnace, etc.

Technical Data

Sensor type : Thermocouple type K
Temperature range : 0...1090 °C
Accuracy (Class 1) : ±1.5 °C @ -40...+375°C
 ±0.004 x T °C @ +376...+1090°C
Cable material : Nextel® ceramic fiber
Cable dimension : 5.6 x 3.6 mm
Temp. resistance of cable : 1090 °C for continuous use
 1200 °C for short term (1 min.)
Lead wire size of thermocouple : AWG14 (Ø 1.6 mm)
Connection : stripped wires, miniature or standard plugs
Standard : EN60584-2

Operating temperature of cable table

Ceramic-insulated thermocouples are easy-to-use precise temperature elements manufactured to meet the highest industry standards. These highly versatile elements are ideal for many high-temperature applications. Calibration types K (CHROMEPA® - ALOMEGA®)



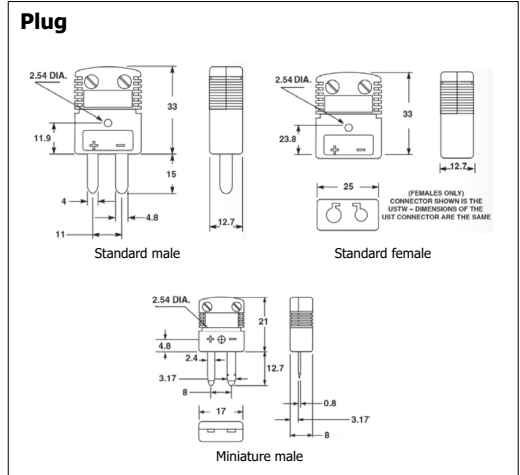
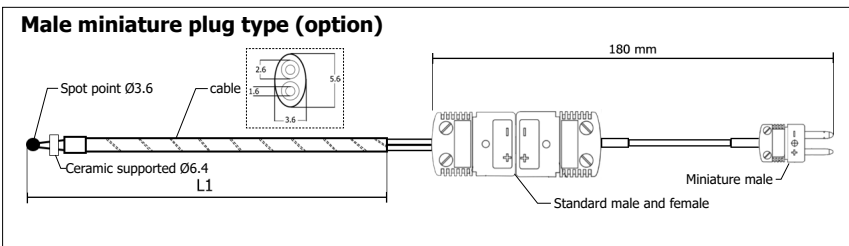
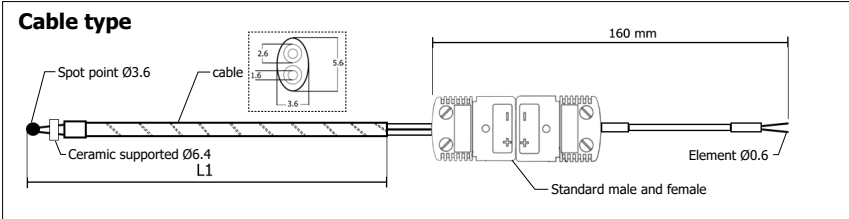
www.omi.co.th

Omega Measuring Instrument Co., Ltd.
 Tel : 02-105-4676
 Fax : 02-903-0080 ext. 6867
 Email : info@omi.co.th
 Line : @omith

HIGH TEMPERATURE NEXTEL® INSULATED THERMOCOUPLE TC38

Thermocouple dimension and drawing

Unit : mm



Ordering code

MODEL : TC38-K-NF-L1-X

L1 : Cable length

0.5, 1, 2, 3, ..., 15 m (Selectable)

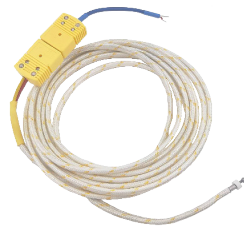
x : Option

- : Without male miniature connector

M : With male miniature connector

Example : TC38-K-NF-3

Thermocouple type K
Cable Nextel®-Covered Flexible type
Probe length 3 meters



Example : TC38-K-NF-3-M

Thermocouple type K
Cable Nextel®-Covered Flexible type
Probe length 3 meters
With male miniature connector



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