**Thermocouples for the Plastics Industry**

*Tube and Wire Thermocouples*

**Design Features**
- Economical & versatile for a variety of applications.
- For use up to 900°F (482°C).
- Optional process fittings available. See pages 14-88 and 14-89.
- Available with single or dual element.

**Sheath Material**
- B = 304 SS
- C = 316 SS

**Sheath O.D.**
- F = .125" ± .002
- G = .188" ± .002
- H = .250" ± .002
- X = Other (Specify)

**Sheath Length “A”**
- Whole inches
  - 00 to 99
- For lengths over 99 in., consult TEMPCO.

**Sheath Length “A”**
- Fractional inches
  - 0 = 0"  3 = 3/8"
  - 1 = 1/8"  4 = 1/2"
  - 2 = 1/4"  5 = 5/8"

**Lead Wire Length “L”**
- In inches 000 to 999
- Example 048 for 48"

**Junction**
- Grounded
- Ungrounded

**Calibration Code**
- ANSI Standard Tolerances
- J K E T N

**Lead Wire Construction**
- Fiberglass 900°F (482°C)  S  B
- Teflon® 400°F (204°C)  T  D

Depending on availability, sheath OD of .125" uses 24 gauge lead wire. Larger than .125" thermocouples use 20 gauge lead wire depending on availability and insulation type.

**Lead Wire Termination**
- B = 2-1/2 in. Split Leads
- S = 2-1/2 in. Split Leads with Spade Lugs
- C = 2-1/2 in. Split Leads with BX connector and Spade Lugs
- P = Standard Male Plug
- J = Standard Female Jack
- K = Std. Plug with Mating Jack
- D = Miniature Male Plug
- E = Miniature Female Jack
- F = Miniature Plug with Mating Jack
- X = Other (Specify)

**Special Requirements**
- X = Specify
- 0 = None

**Ordering Code:**

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**Note:** Metric sizes available. Consult TEMPCO

**WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

*View Product Inventory @ www.tempco.com*