

## THERMOCOUPLE PROTECTION TUBES

Manufactured through a variety of molding and casting processes, Blasch Thermocouple Protection Tubes are designed as an immersion device or shield to protect a thermocouple while measuring the temperature of molten metals or gases. The tubes are available in a wide range of non-wetting materials suitable for abrasive or corrosive environments as well as molten metal contact with aluminum and copper- based alloys.

### Features & Benefits

- Exceptional thermal shock resistance
- Longer life due to reduced dross buildup
- Repeatable and ease of installation
- Reliable protection of costly elements
- Low wetting by nonferrous alloys

### Product Mounting Details

Standard thermocouple protection tubes are available as a closed- end tube with either a flange or straight ends. Custom sizes and shapes are available with various mounting configurations.



Various sizes



Standard TCPT with flange



TCPT in use in Aluminum dip well

### Standard Thermocouple Tubes Sizes:

Outer diameter 1.75" (44.5mm) with inner diameter 1" (25.4mm) X Length listed

#### Lengths Available:

- 9" (228.6mm)
- 12" (304.8mm)
- 18" (457.2mm)
- 24" (609.6mm)
- 30" (762mm)
- 36" (914.4mm)
- 42" (1066.8mm)
- 48" (1219.2mm)

Available with or without flange

Thermocouple tube without flange



Thermocouple tube with flange

