

## Protection Tubes

### Coated Protection Tubes for Molten Aluminum, Zinc and Galvanizing Applications

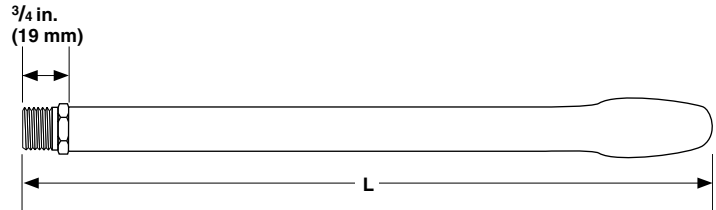
#### SERIES 1100 Protection Tube

With a tough refractory laminated coating, SERIES 1100 protecting tubes resist erosion from molten aluminum, zinc or galvanizing baths. They stay strong, even at high temperatures and require no washing or maintenance to prolong their service life. A special protective cap at the tip provides fast response time, permitting thermal expansion without damage to the refractory laminate.

The 0.493 inch I.D. easily accommodates up to an 8-gauge beaded thermocouple and is stocked for immediate shipment. The maximum operating temperature for the SERIES 1100 is 1400°F (745°C).

**Order - Part No.** Code - Length

**Example:** 1100-24



Part No.	I.D. in.	Nominal O.D. in.	Fitting in.	Tube Length in.
1100	0.493	1 1/2 Max.	3/4 NPT	12, 18, 24, 30, 36, 42, 48

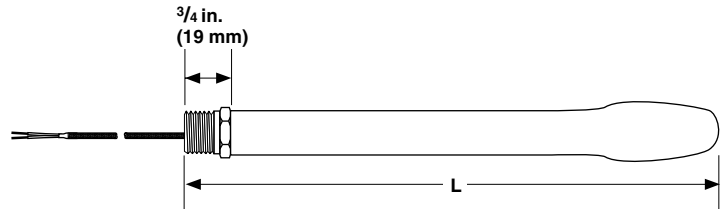
#### SERIES 1101 Protection Thermocouple

Watlow's SERIES 1101 protected thermocouple assemblies incorporate a mineral-insulated stainless steel sheathed XACTPAK® thermocouple hermetically sealed within a refractory laminated SERIES 1100 protection tube. Standard calibration is Type K, complete with 36 inches of high temperature insulated thermocouple wire.

As with the SERIES 1100 protection tube, the SERIES 1101 assembly requires no washing or maintenance to prolong its service life. It delivers fast, accurate readings in molten aluminum, zinc and galvanizing baths.

**Order - Part No.** Code - Length

**Example:** 1101-12



Part No.	Calibration	Nominal O.D. in.	Fitting in.	Lead Length in.	Tube Length in.
1101	K	1 1/2 Max.	3/4 NPT	36	12, 18, 24, 30, 36

**Note:** All accessories are subject to minimum purchase quantities.