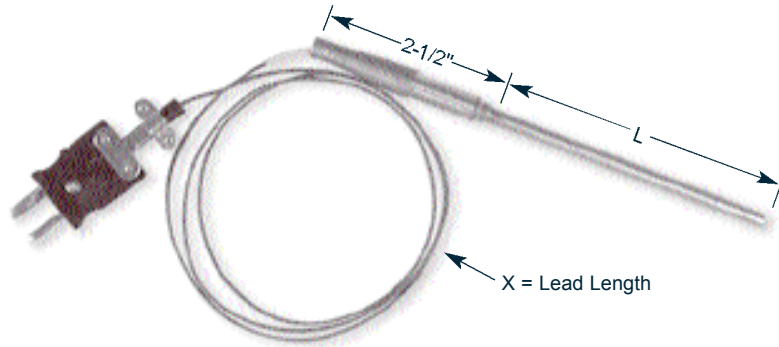


# TRANSITION JOINT THERMOCOUPLE

## Series 400HT

- Ideal for Limited Space Applications
- For High temperature (2100°F and Greater) Applications
- Industry Standard Color-Coded Quick Disconnect or Bare Wires
- Has a Rugged, Sealed Transition
- Argon Chamber Available
- Commonly Installed with Compression Fittings (Adapter) See pgs. 118 & 119



Enter a selection for each item, please fax your inquiry to TCP.

Example:

400HT- **S** - **D** - **18** - **6** - **AO** - **W4** - **MOL** - **10** - **40** - **0**

400HT-  -  -  -  -  -  -  -  -  -

CODE	WIRE CALIBRATION
R	Plat. 13% Rhod./Plat.
S	Plat. 10% Rhod./Plat.
B	Plat. 30% Rhod./Plat. 6% Rhod.
C	Tungsten 5% Rhenium/ Tungsten 26% Rhenium
D	Tungsten 3% Rhenium/ Tungsten 25% Rhenium

Consult page 40 for available wires with respect to sheath material.

CODE	SHEATH DIAMETER
C	.062"
D	.125"
F	.250"
M	.375" ( <i>AL<sub>2</sub>O<sub>3</sub> only</i> )

Consult page 40 for available diameters with respect to sheath material.

IMMERSION LENGTH "L"
Specify in inches 01 to 24. For lengths over 24 inches consult factory.

LEAD LENGTH "X"
Specify in whole inches. (16 in. increments standard) For length over 99 inches consult factory

CODE	INSULATION MATERIAL
AO	Aluminum Oxide ( <i>AL<sub>2</sub>O<sub>3</sub></i> )
BO	Beryllium Oxide ( <i>BeO</i> )
HO	Hafnium Oxide ( <i>HfO<sub>2</sub></i> )
MO	Magnesium Oxide ( <i>MgO</i> )

Consult page 40 for available insulation with respect to sheath material.

**Important:**  
Consult page 40 for available thermocouple material combinations

CODE	OTHER PERTINENT DATA
0	NONE
999	Special Request Consult Factory

CODE	TERMINATION STYLE
10	111 Standard Plug
20	131 Mini Plug
30	109 High Temp Plug
40	3" Pig Tail

Code 10 -111 Plug is standard  
Consult factory for other options.

CODE	LEAD WIRE
10	Fiberglass
1S	Fiberglass w/SS Overbraid
1F	Fiberglass w/SS Flexhose
20	Teflon/Teflon
2S	Teflon/Teflon w/SS Overbraid
21 <sup>2</sup>	Teflon w/SS Flexhose

Code 10 - Fiberglass is standard

CODE	SHEATH MATERIAL
INC	Inconel 600
MOL	Molybdenum
TAL	Tantalum
ALO	Aluminum Oxide
PLT	Platinum 10% Rhodium

Consult page 40 for available sheath material with respect to calibration, diameter and insulation.

CODE	JUNCTION STYLE
W2	Grounded Rounded Tip
W4	Ungrounded Rounded Tip
W5	Exposed

Code W4 is standard