

Thermowells

Thermowells are used to provide an isolation between a temperature sensor and the environment, either liquid, gas or slurry. A thermowell allows the temperature sensor to be removed and replaced without compromising either the ambient region or the process.

Care must be taken in determining the material used for the thermowell as well as other factors. Thermo Sensors offers design assistance that includes pressure, temperature and or corrosion as well as vibration effects of the fluids. This vibration can cause well stem failure.



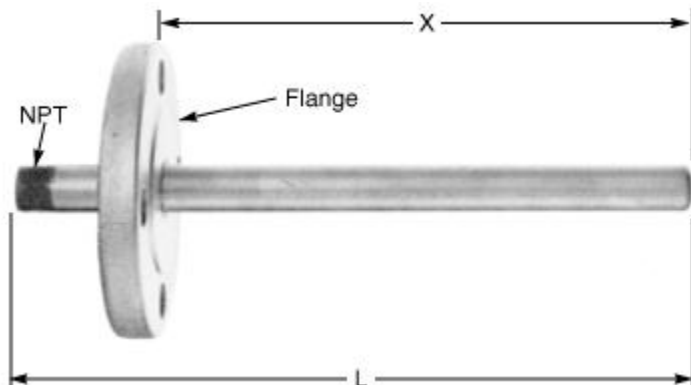
Thermo Sensors thermowell materials include:

- Carbon Steel
- 304 & 316 Stainless Steel
- Monel
- Brass

Please refer to our order guide to assist in determining your needs. We can also provide technical design assistance and application suggestions. Give us a call.

Metal Protecting Tube with Flange / Cast Iron Protecting Tube

Metal Protecting Tube with Flange



NPT	O.D. x I.D. (Nom.)**	Ordering Code				
		Series	Material	"L"	Flange	"X"

A Leading Manufacturer of Quality Thermocouple and RTD Assemblies Since 1972

1/8"	.405" x .269"	F18	Select Material Code from Material Table	Specify in Inches	Specify Size, Rating, Facing, Material	Specify in Inches
1/4"	.540" x .364"	F14				
1/2"	.840" x .622"	F12				
3/4"	1.050" x .824"	F34				
1"	1.315" x 1.049"	F10				

How To Order:

1. Select series number.
2. Select material code from [Material Table](#) and add to series designation.
3. Specify desired "L" dimension in inches.
4. Specify desired flange by size, rating, facing and material.
5. Specify desired "X" dimension in inches.

Example:

F1036 - 48 - 1 1/2-150#RF-316s.s. - 42

Series/Mat'l "L" Flange "X"

Cast Iron Protecting Tube



Cast iron tubes are available both coated and uncoated. Coated tubes have a thin ceramic coating which resists wetting of the tube by molten metals with the advantage of longer life in molten aluminum, zinc and lead.

It is recommended that uncoated tubes be dipped frequently in ladle wash or similar material to prolong life.

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How to Order:

Ordering Information	
Coated	8634-(L)
Uncoated	8734-(L)
Specify "L" in inches. Standard Lengths: 12", 18", 24", 30", 36", 42", 48"	