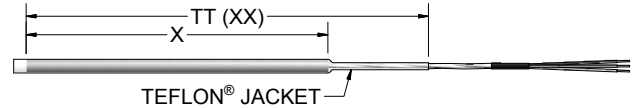
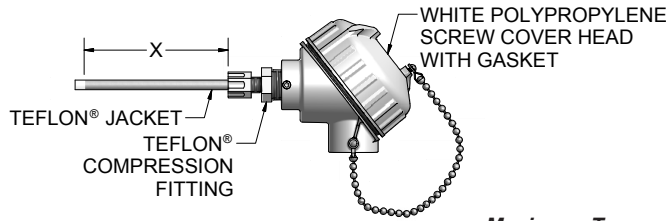


# SPECIAL-PURPOSE

Configuration Code SP01  
**Teflon®-Coated Thermocouple Assemblies**  
 Configuration Code SP02  
**Teflon®-Coated RTD Assemblies**

The assemblies listed below are designed for a broad range of applications that require resistance to corrosion and chemical attack. They provide very good temperature measurement and service life in plating, pickling, and acid bath applications. The stainless steel sheath is coated with FEP Teflon® and includes a fused Teflon® tip for excellent corrosion resistance.



Maximum Temperature Rating 200 °C

## ORDER CODES

**Example Order Number:** **JP38UT** - **012** - **00** - **TT(36)** - **T3072** - **4**

### 1 Thermocouple Types

CODE	T/C TYPE	SHEATH O.D. (inches)
JP38UT	J	3/16
JP48UT	J	1/4
KP38UT	K	3/16
KP48UT	K	1/4
TP38UT	T	3/16
TP48UT	T	1/4

For grounded hot junctions substitute the letter 'G' in place of the 'U' above.

### 1-2 100 Ω Platinum RTD α = 0.003 85 °C<sup>-1</sup> Tolerance<sup>(1)</sup> Class B

CODE	LEADS	SHEATH O.D. (inches)
RBF185L383T	3	3/16
RBF185L483T	3	1/4

[1] Refer to RTD tolerance information in the General Information section for calculations to determine specific tolerance at temperature.

### 2 'X' Dimension

Insert 3 Digit Sheath Length (X dimension) in Inches.

### 3 Sheath Mountings

CODE	DESCRIPTION
00	No fitting

### Re-Adjustable Compression Fittings

CODE	DESCRIPTION	NPT SIZE (inches)	AVAILABLE SHEATH DIAMETERS (inches)
10A	303 stainless steel	1/8	3/16
10B	303 stainless steel	1/4	1/4
10C	303 stainless steel	1/2	1/4
56B	Teflon®	1/4	1/4
56C	Teflon®	1/2	1/4

### 6 Leadwire Terminations

CODE	DESCRIPTION
0	No termination
2	2" split leads, 1/4" stripped
3	2" split leads with spade lugs
4	Standard plug
6	Miniature plug
Options	
MC	Mating connector
RB	Rubber boot

### 5 Extension Leadwire

CODE	DESCRIPTION
T1	Teflon® insulation - solid conductor (available in thermocouples only)
T3	Teflon® insulation - stranded conductor

### 4 Head Terminations

CODE	DESCRIPTION
8HN63	White polypropylene screw-cover head with 1/2" NPT stainless steel hex mounting fitting
9HP63	White polypropylene screw-cover head with 1/2" NPT bushing holding head to sheath
56CF63	White polypropylene screw-cover head with Teflon® compression fitting holding head to sheath

### 4-1 Sheath Terminations

CODE	DESCRIPTION
4	Standard plug
5	Standard jack
Options	
MC	Mating connector
RB	Rubber boot

### 4-2 Leadwire Transitions

CODE	DESCRIPTION
TT	Teflon® coating: both sheath and leads (specify total length of Teflon® coating) Example: TT(36)
15	Extension leadwire transition with relief spring
16	Extension leadwire transition with heat-shrink tubing

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