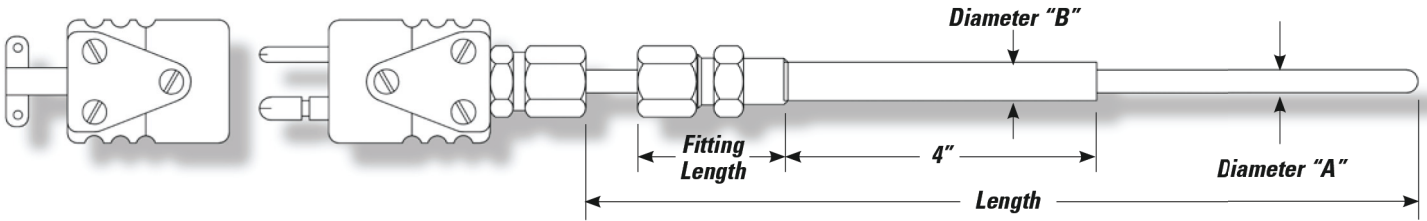


Thermocouple Assemblies with PJFC-Plug/Jack Termination and Support Tube



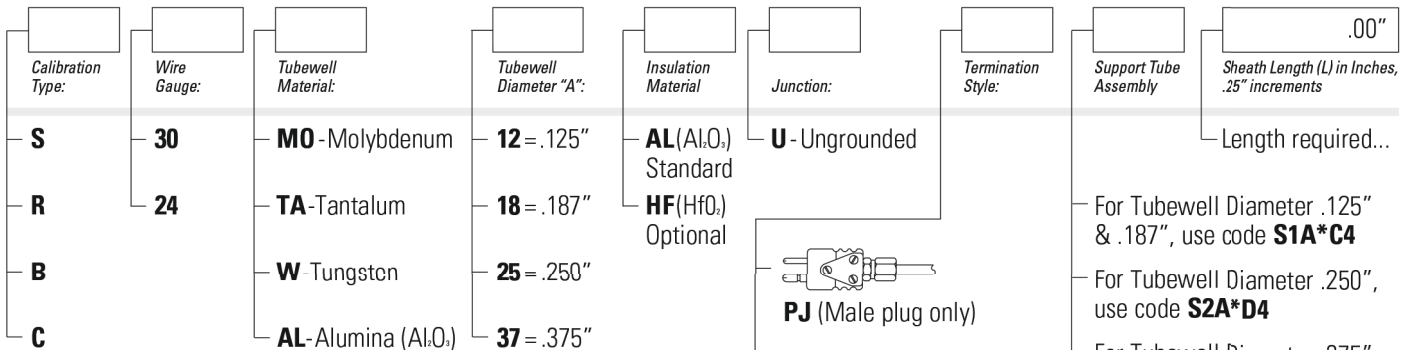
Plug & Jack Assembly

An adjustable support tube offers flexibility for immersion adjustment while protecting the sheath from potential damage during installation. The rigid, thick wall offers additional support when penetrating the vessel/furnace wall.

Standard polarized plug and jack termination for use with all calibration types. Plug and jack assemblies are made from molded glass filled thermoset compounds and are designed to operate in temperatures to 300° F (150° C). Polarity identification marks are molded in the bodies for installation assistance.

Thermocouple Diameter "A"	Support Tube Diameter "B"	Fitting Code	Fitting Length
.125"	.312"	C	1.12"
.187"	.312"	C	1.12"
.250"	.375"	D	1.50"
.375"	.500"	F	2.00"

Progressive Description Example: **C24-M018-AL-U-PJFC - S 1 A V C 4 - 12.50"**



Notes

- .125" diameter sheath is available with 30 gauge wire only.
- Alumina sheath is not available in .125" diameter.
- Molybdenum, Tantalum and Tungsten are not available in .375" diameter.
- Lava sealant not recommended for high vacuum.
- Support tube materials: 316SS body and tube, 303SS cap and follower.
- Support tube assembly torque values, see page 12; S1=MPG Series, S2=PG2 Series, S4=PG4 Series.

* Select sealant material:

- L** = Lava - up to 1600° F (870° C)
- G** = Grafoil - up to 925° F (495° C)
- V** = Viton - up to 450° F (232° C)