

# THERMOSEAL

- Polymerized Low-Viscosity Silicone
- Prevents Moisture penetration up to 1000°F (538°C)
- 2 oz. bottles standard, 8 oz. available.

"Thermoseal" is a polymerized low-viscosity silicone fluid with proven ability to form a positive moisture barrier for mineral insulated thermo-couple and heater elements.

"Thermoseal" is absorbed into the pores of the mineral oxide insulating material, where after heat polymerization, it remains to prevent the penetration of moisture up to approximately 1000°F (538°C).

"Thermoseal" will not carbonize, therefore there is no loss of insulation value, should the seal area be exposed to greater than 1000°F (538°C). Numerous and extensive laboratory tests have proven the reliability of "Thermoseal"

"Thermoseal" is supplied in standard 2 oz. bottles, 8 oz. bottles available.

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

Example: Thermoseal -

Thermoseal -

CODE	BOTTLE SIZE
2	2 oz.
8	8 oz.



# LEADWIRE ADAPTER

- Open end thermocouples should be sealed with a moisture sealant such as "Thermoseal" after conductors have been exposed prior to attaching leadwire.

A small, easily assembled transition fitting for adapting sheathed, mineral oxide insulated thermocouples to leadwires. the leadwire adapter completely encapsulates the transition splice forming an insulating shield and providing an effective strain relief.

The adapter provides for secure mounting on the sheathed thermocouple and a spring allows the leadwire to flex in a large radius bend thus eliminating wire breakage. Due to the fact the transition is enclosed within the adapter it is both moisture proof and vibration and shock resistant.

Assembly is quite simple and may be performed in the field as easily as in the shop. No special tools are required, aside from the basic materials - soldering gun or torch, flux, soft or silver solder and a small amount of epoxy resin or potting material. A small staking tool may be used if desired to stake the ferrule and sleeve together.

Open end of sheathed thermocouples should be sealed with a moisture sealant such as "Thermoseal", after conductors have been bared prior to attaching leadwire.

Example: 1090 -

1090 -

CODE	SHEATH DIAMETER	OD OF ADAPTER
B	.040"	.250"
C	.062"	.250"
D	.125"	.250"
E	.187"	.375"
F	.250"	.375"

