



# SOUTHEAST THERMAL SYSTEMS

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## Cartridge Heater Application Sheet

### REQUIRED:

Sheath Material: \_\_\_\_\_ Operating Temp.: \_\_\_\_\_ °F °C  
 Diameter: \_\_\_\_\_ Heater Length: \_\_\_\_\_ in mm  
 Watts: \_\_\_\_\_ Volts: \_\_\_\_\_  
 Distributed Watt: \_\_\_\_\_  
 Lead Type: \_\_\_\_\_ Lead Length: \_\_\_\_\_ in mm  
 Potting: \_\_\_\_\_ Exit Type: \_\_\_\_\_

### OPTIONAL:

Thermocouple: \_\_\_\_\_ TC Location: \_\_\_\_\_  
 Grounded  Ungrounded  
 Ground Wire: \_\_\_\_\_  
 Lead Protection: \_\_\_\_\_ Lead Protection Length: \_\_\_\_\_ in mm  
 Removal Aids:  Stress Tube Stress Tube Length: \_\_\_\_\_ in mm  
 Knock-Out Tab  
 Anti-Seize Coating  
 Collar Position: \_\_\_\_\_ in mm  
 NPT: \_\_\_\_\_ Position: \_\_\_\_\_ in mm  
 Flange: \_\_\_\_\_ Position: \_\_\_\_\_ in mm  
 Marking: \_\_\_\_\_  
 Notes: \_\_\_\_\_

LEADS	MAX TEMPERATURE	MOVEMENT	MOISTURE
HT Fiberglass:	1,202°F / 650°C	Do Not Use	Do Not Use
Fiberglass:	662°F / 350°C	Do Not Use	Do Not Use
Teflon®:	500°F / 260°C	Operational	Vapor Sealed
Silicone:	356°F / 180°C	Operational	Liquid Resistant
Silicone Cable:	356°F / 180°C	Operational	Liquid Resistant
POTTING	MAX TEMPERATURE	MOVEMENT	MOISTURE
Ceramic:	1,000°F / 538°C	Do Not Use	Do Not Use
HT Silicone:	650°F / 343°C	Operational	Liquid Resistant
Epoxy:	600°F / 315°C	Top Choice	Vapor Sealed
Silicone:	500°F / 260°C	Operational	Liquid Resistant