



SOUTHEAST THERMAL SYSTEMS

WWW.SETHERMAL.COM

SALES@SETHERMAL.COM

phone: 704-399-4248

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