

SUL SINGLE-USE THERMOCOUPLES



DESCRIPTION

SYSCON Sensors SUL is an expendable, single-use, and high precision thermocouple tip. SULs are suited for a wide range of molten metals - Iron, Steel, Copper, Bronze, and Aluminum. The SUL tip does not need any special accessories and fits snugly on a SYSCON Sensors TS-1 Handheld or WM-1 Wall-Mount Pyrometer Lance.

SYSCON Sensors SUL thermocouple tips are constructed from convolute-wound paper tubes with a ceramic body thermocouple insert and moisture-resistant cement for accurate and quick temperature measurement. Convolute tubes have a slower burn rate and greater beam strength than spiral paper tubes. The small-diameter tube is designed for easy penetration in furnaces or ladles.

FEATURES

- Economically priced
- Ideal for larger furnaces and ladles
- Compatible with most instrument systems
- Manufactured under ISO 9001:2015 Quality Standards
- Quick Shipping from USA



Technical Specifications

Thermocouple Type	Type S
Thermocouple Accuracy	±0.25%
Calibration Standard	IPTS 68
Protective Cap	Steel, Aluminum or Copper
Recommended Measurement Temperature Range	932°F - 3182°F 500°C - 1750°C
Dimensions	ID: 0.71" (18mm) OD" 1.14" (29mm)



Ordering Information

With Steel, Aluminum, or Copper Protective Cap
xx = ST, AL, or CU

SUL-10-12xx	SUL, Type S, 12" total tube length, xx Cap
SUL-10-24xx	SUL, Type S, 24" total tube length, xx Cap
SUL-10-36xx	SUL, Type S, 36" total tube length, xx Cap
SUL-10-48xx	SUL, Type S, 48" total tube length, xx Cap
SUL-10-60xx	SUL, Type S, 60" total tube length, xx Cap
SUL-10-72xx	SUL, Type S, 72" total tube length, xx Cap

You've Been Using Our Products Since 1975!

SYSCON International, Inc. has manufactured molten metal temperature measuring and thermal analysis systems for a major private-label customer since 1975. Additional SYSCON Sensors products include:

- TS-1 Handheld Digital Pyrometer
- WM-1 Wall-Mount Digital Pyrometer
- FL-1 Ferrolab Thermal Analysis System
- Single & Multi-Use Thermocouple Tips
- Sampling Cups
- Steel Samplers
- Repair, Replacement Parts, & Calibration Services