

# SUL SINGLE-USE THERMOCOUPLES



## Technical Specifications

Thermocouple Type	Type S
Thermocouple Accuracy	±0.25%
Calibration Standard	IPTS 68
Protective Cap	Aluminum or Steel
Recommended Measurement Temperature Range	932°F - 3182°F 500°C - 1750°C
Dimensions	ID: 0.2" (5mm) OD" 1.3" (33mm)

## DESCRIPTION

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

SYSCON Sensors SUL thermocouple tips are constructed from convolute paper tubes with a ceramic body thermocouple insert and moisture-resistant cement for accurate and quick temperature measurement. They 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



## Ordering Information

### With Aluminum Protective Cap

<b>SUL-10-12AL</b>	SUL, Type S, 12" total tube length, Alum Cap
<b>SUL-10-24AL</b>	SUL, Type S, 24" total tube length, Alum Cap
<b>SUL-10-36AL</b>	SUL, Type S, 36" total tube length, Alum Cap
<b>SUL-10-48AL</b>	SUL, Type S, 48" total tube length, Alum Cap
<b>SUL-10-60AL</b>	SUL, Type S, 60" total tube length, Alum Cap
<b>SUL-10-72AL</b>	SUL, Type S, 72" total tube length, Alum Cap

### With Steel Protective Cap

<b>SUL-10-12ST</b>	SUL, Type S, 12" total tube length, Steel Cap
<b>SUL-10-24ST</b>	SUL, Type S, 24" total tube length, Steel Cap
<b>SUL-10-36ST</b>	SUL, Type S, 36" total tube length, Steel Cap
<b>SUL-10-48ST</b>	SUL, Type S, 48" total tube length, Steel Cap
<b>SUL-10-60ST</b>	SUL, Type S, 60" total tube length, Steel Cap
<b>SUL-10-72ST</b>	SUL, Type S, 72" total tube length, Steel 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