

MUL MULTI-USE THERMOCOUPLES

DESCRIPTION

SYSCON Sensors MUL is an expendable, multi-use, non-splash and high precision thermocouple tip. It is suited for a wide range of molten metals - Iron, Steel, Copper, Bronze, and Aluminum. The MUL tip fits snugly on SYSCON Sensors TS-1 Handheld Digital Pyrometer.

The specially formulated, ceramic, non-splash sleeve is designed to eliminate splashing and resist slag adhesion, extending the number of dips. The aluminum foil on the cardboard tube adds extra protection and enables more readings per MUL, reducing overall cost. The unique combination of ceramic fiber, aluminum foil, and the high-density paper tube keeps the contact block and lead wire cooler.

FEATURES

- ▣ Economical = more temperature readings per MUL
- ▣ Protective, non-reactive, Ceramic, anti-splash sleeve
- ▣ Ideal for larger furnaces and ladles
- ▣ Compatible with most hardware and instrument systems
- ▣ Manufactured under ISO 9001:2015 certification
- ▣ Quick Shipping from USA



Technical Specifications

Thermocouple Type	Type S, R, B
Thermocouple Accuracy	±0.25%
Calibration Standard	IPTS 68
Type S, R temp range	400°F - 3182°F 205°C - 1750°C
Type B temp range	400°F - 3308°F 205°C - 1820°C
Dimensions (Cardboard tube for MUL)	ID: 0.71" (18mm) OD 1.125" (28.5mm)
Aluminum Foil Thickness	3 mil (0.0762 mm)



Ordering Information

With Aluminum Foil

MUL-xx-12F5	12" long, Type S, MUL with 5" fiber sleeve and 7.5" Aluminum foil
MUL-xx-12F9	12" long, Type S, MUL with 9" fiber sleeve and 2.5" Aluminum foil

Without Aluminum Foil

MUL-xx-4	4" long, Type S, MUL with 4" fiber sleeve
MUL-xx-6	6" long, Type S, MUL with 6" fiber sleeve
MUL-xx-8	8" long, Type S, MUL with 8" fiber sleeve
MUL-xx-12	12" long, Type S, MUL with 12" fiber sleeve
xx	xx: specify 10 (type-S), 13 (type-R), or 630 (type-B)

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