



Ajay Syscon Private Limited

(A Joint Venture with Syscon International Inc. U.S.A.)

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This is an accurate expendable immersion type Thermocouple Assembly, which is used to measure molten metal temperature in Blast Furnace (BF), Torpedo Car, Blast Oxide Furnace (BOF), Electric Arc Furnace (EAF), Ladles, Ladle Refining Furnace (LF/LRF), Tundish, Cupola Pouring Spout, Induction Furnace, Crucible Furnace ect.

Through our concentrated development activities, we offer following specification



METAPRO

MANUFACTURER : AJAY SYSCON PRIVATE LIMITED, PUNE, INDIA.

TECHNICAL SPECIFICATIONS

Thermocouple Type : S/R/B Pt/PtRh 10%, 13%, 6/30%

Thermocouple Connector : Cu/CuNi (5%) - 16/17 SWG

Thermocouple Tolerance : $\pm 2^{\circ}$ C

Receptical Type : MARK VII

Refractory Cement Type : < 0.5% Fe content

Thermocouple Holder : Ceramic / Plastic

Paper Tube Length : 300mm to 1800mm

Paper Tube Type / Diameter : Spiral, ID-18 mm , OD-32 mm

Protection Cap Type : Mild Steel, Copper, Aluminium

Accordance with IPTS-68

PRODUCT INGREDIENTS

PROTECTION CAP, "U" SHAPE QUARTZ TUBE, THERMOCOUPLE WIRE (Pt/Pt-Rh), Cu/CuNi WIRE, REFRACTORY CEMENT, PLASTIC CONNECTOR (Mark VII), CERAMIC/PLASTIC HOLDER, PAPER TUBE (SPIRAL).

PHYSICAL AND CHEMICAL CHARACTERISTICS

APPEARANCE : Faint Brown (Paper Tube)

BOILING POINT : N/A

PHYSICAL STATE : SOLID

MELTING POINT : N/A

SAFETY PRECAUTIONS IN HANDLING AND STORAGE

FRAGILE MATERIAL [HANDLE WITH CARE], **METAPRO** SHOULD BE KEPT IN DRY PLACE WITH A PLASTIC COVER. TO PREVENT FROM BREKAGE **METAPRO** SHOULD BE KEPT IN A RACK .

EXPIRY DATE : NOT APPLICABLE

METAPRO

[VARIOUS GRADES]



RWTV

Manufactured under strict ISO 9001:2000 Quality Standards

Steel Division