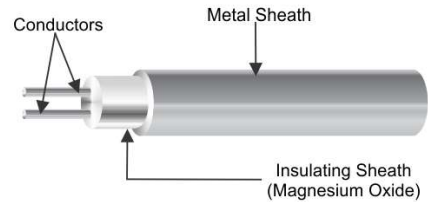




# MINERAL INSULATED CABLES

We introduce our latest addition in the cable line which is the mineral insulated, metal sheathed cable products. The applications of MI Cable are many such as blast furnace, atomic research, nuclear reactors, Kilns and many more. Please mail us for detail.

We provide our customers from standard as well as custom made products according to the needs of the customer, our lines are flexible and ready to meet the demand.



## MI CABLE PRODUCT LINES

- Thermocouple MI cables
- RTD MI extension cables
- Micro-Heater cables
- Mineral Insulated Power Cable
- Any Special Cable which requires high temperature and rugged insulation.

## FEATURES

- Mechanical Strength
- Long Life
- Corrosion and Scaling Resistance
- Long Length
- Quick Response
- Radiation Resistance
- Safety
- Moisture/Pressure

## MI CABLE

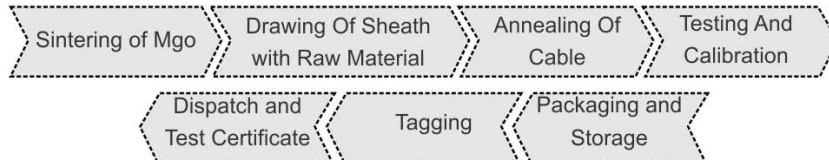
**Sheath** : SS304, SS304L, SS310, SS310, SS316, SS316L, INCONEL 600, INCONEL 800 Others

**OD(mm)** : 1.5, 2.0, 2.2, 3.0, 4.5, 6.0, 8.0, 9.5, Others

**MgO Grade** : STANDARD ( $\geq 96\%$  PURE), HIGH PURITY ( $\geq 99.4\%$  PURE)

- All thermocouple cable are calibrated using automated calibration system as per ASTM E 230.

## PROCESSING OF MI CABLES



TEMPSENS INSTRUMENTS			
Test Certificate			
Certificate No: TS/AT/TC-428	Date: 20/02/2018		
Customer: TEMPSENS INSTRUMENTS (I) PVT. LTD. (MUMBAI) COMPANY			
Job No: 127101	Job Date: 19/02/2018		
Plant: MUMBAI	Year of Order: 1	Job Order: 404	
Conductor Diameter: 0.88 mm	Wire Tension: 0.80 mm		
MATERIALS CERTIFICATE			
Item Test Report	Customer Order Reference	Insulation Type/Analysis	
Brand: 30316	Part No: 11829213	Batch No: 12020021	
Material: 30316(1)	W.P. 100	Temp: 1100°C	
Chemical Analysis	C (%)	Mn (%)	Cr (%)
	0.0004	0.0025	16.0000
	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000
	0.0000	0.0000	0.0000
CBI CHARACTERISTICS AND ADDITIONAL MEASUREMENT			
STANDARD: IEC 384-2	W.P.	%	Accuracy
Resistance at 50°C:	4000	4.00	Class 1
Resistance at 100°C:	4000	4.00	Class 1
Resistance at 150°C:	4000	4.00	Class 1
Insulation Resistance at 50 °C (1000V):	4000	4.00	Class 1
Insulation Resistance at 150 °C (1000V):	4000	4.00	Class 1
Resistance at 150 °C:	4000	4.00	Class 1
APPROVED BY: [Signature]		APPROVED BY: [Signature]	
EMPLOYEE ID: [ID]		EMPLOYEE ID: [ID]	

Test Certificates



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