

Mfg. : Heaters, Sensors, Control Panel, Instruments & Automation
Oven, Furnace, Bath & Hot Air Blower



An ISO 9001 : 2008 Company



SENSEWELL
INSTRUMENTS PVT. LTD.

Unit-I (Head Office)

Factory : 54/4, G.I.D.C., Makarpura, Vadodara-390 010 Guj, India

Phone : +91 265 2658711, 2633885, 2658722

Unit-II

Address : 573.574.591.592, G.I.D.C., P.O. Alindra, Manjusar - 391 775. Ta. Savli,

Website : www.sensewellindia.com Email : sales@sensewellindia.com

CIN No. U29119GJ2002PTC041475

HIGH TEMP. FIBERGLASS CABLE DATASHEET

TYPE: G500

CONDUCTOR : BARE COPPER WIRE

INSULATION : FIBERGLASS WEAVE+ MICA TAPE SURROUND+ FIBERGLASS WEAVE

TEMP RANGE: 500°C

RATED VOLTAGE : 300V/500V

TESTING VOLTAGE: 2000V

INSULATION RESISTANCE: $\geq 1500M.\Omega.KM(20^{\circ}C)$

OD TOLERANCE : $\pm 0.1MM$

STANDARD: Q321281KLA02-2009

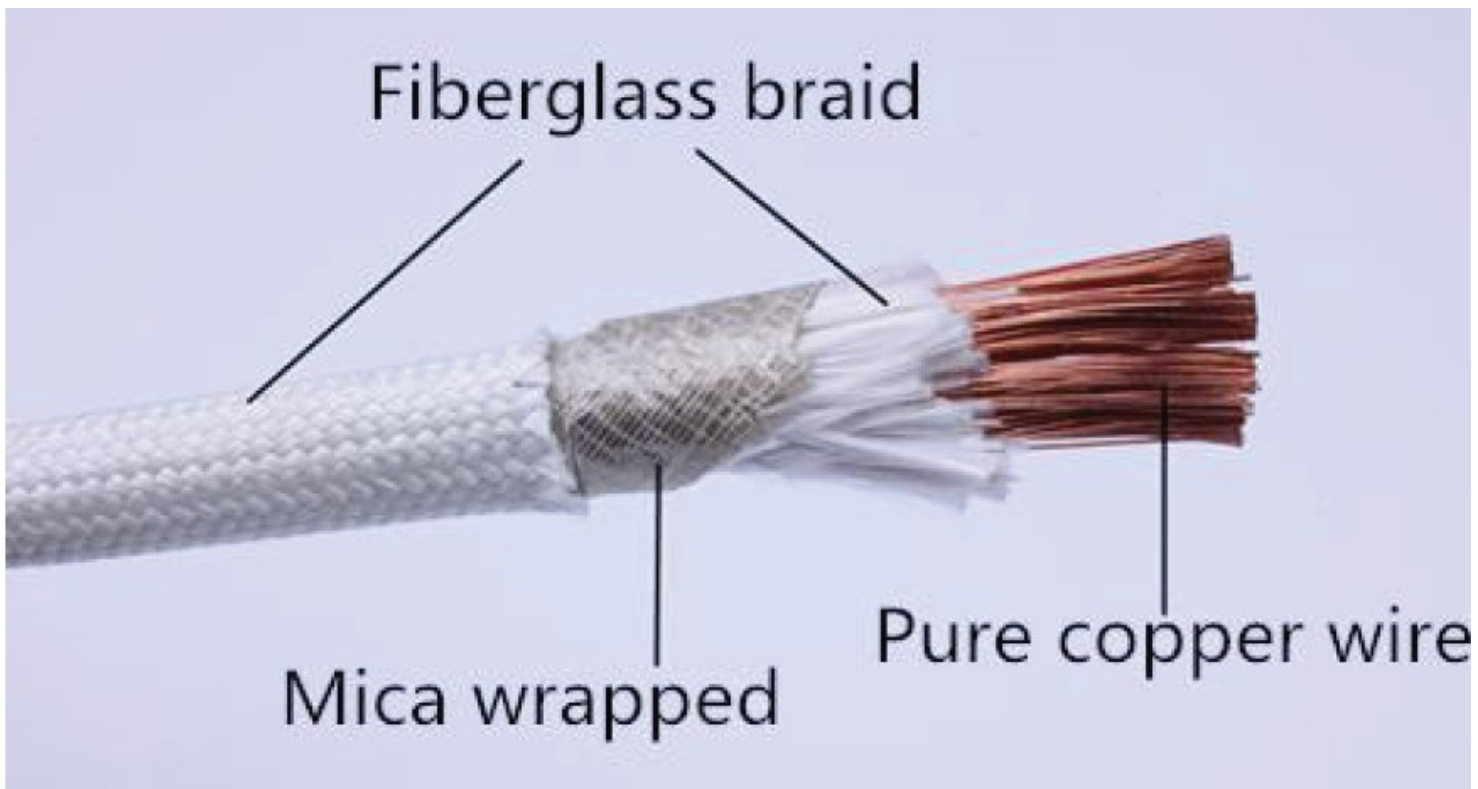
COLOR: WHITE (OTHER COLORS CAN BE CUSTOMIZED)

PACKING : 100M/ROLL

INSTALLATION CONDITIONS: FIXED INSTALLATION

APPLICATION: IT IS USED IN HIGH TEMP. INDUSTRIAL OVEN, HEATING SYSTEM, OIL-HEAT-GAS INDUSTRIES

CONSTRUCTION: FIBERGLASS WEAVE+ MICA TAPE SURROUND+ FIBERGLASS WEAVE+ SILICONE COATED



TECHNICAL DATA SHEET:

Section	Conductor construction	Insulation thickness	O.D.	Realst,max Cuc, c20°C	Packing
mm ²	NO.Xφmm	(mm)	(mm)	(Ω/km)	(Mt/coils)
0.5	7X0.30	0.5	2.3±0.3	40.8	100
0.75	11X0.30	0.5	2.5±0.3	24.3	100
1	14X0.30	0.5	2.6±0.3	20	100
1.5	21X0.30	0.5	2.9±0.3	12.6	100
2	28X0.30	0.6	3.3±0.5	9.84	100
2.5	35X0.30	0.6	3.6±0.5	7.37	100
4	56X0.30	0.8	4.7±0.5	4.83	100
6	84X0.30	0.8	5.5±0.5	3.26	100
10	84X0.40	0.8	6.6±0.5	1.8	100
16	228X0.30	0.8	7.8±0.5	1.31	100
	126X0.40	0.8	7.8±0.5	1.31	100
25	196X0.40	0.8	9.5±0.5	0.758	100
	361X0.30	0.8	9.5±0.5	0.758	100
35	394X0.30	1	11.2±1.0	0.548	100
50	396X0.40	1.2	13.2±1.0	0.384	100
	703X0.30	1.2	13.2±1.0	0.384	100

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CIN No. U29119GJ2002PTC041475

HIGH TEMP. FIBERGLASS CABLE DATASHEET

TYPE: G800

CONDUCTOR : STRANDED NICKEL PLATING COPPER WIRE

INSULATION : FIBERGLASS WEAVE+ MICA TAPE SURROUND+ FIBERGLASS WEAVE

TEMP RANGE: 800°C

RATED VOLTAGE : 300V/500V

TESTING VOLTAGE: 2000V

INSULATION RESISTANCE: $\geq 1500M.\Omega.KM(20^{\circ}C)$

OD TOLERANCE : $\pm 0.1MM$

STANDARD: Q321281KLA02-2009

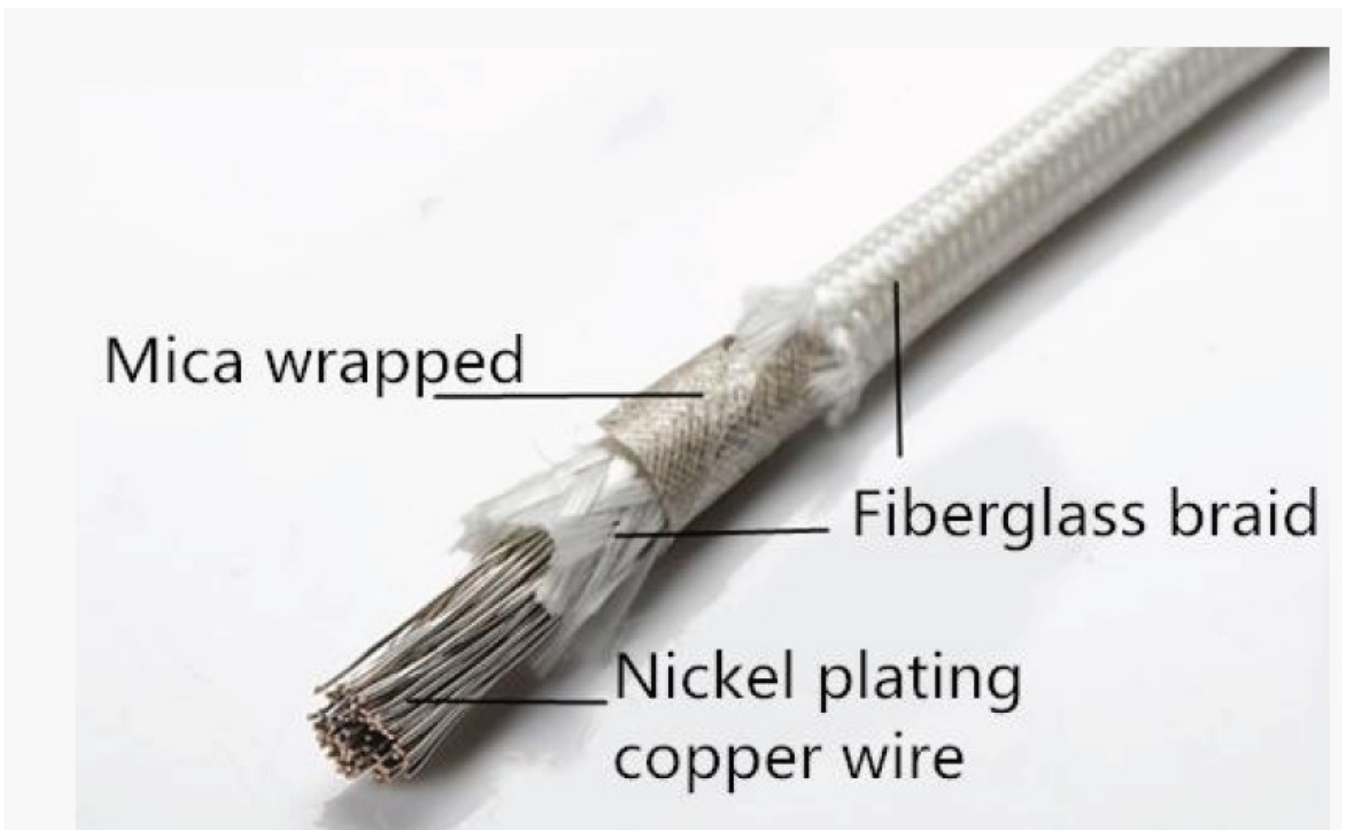
COLOR: WHITE (OTHER COLORS CAN BE CUSTOMIZED)

PACKING : 100M/ROLL

INSTALLATION CONDITIONS: FIXED INSTALLATION

APPLICATION: IT IS USED IN HIGH TEMP. INDUSTRIAL OVEN, HEATING SYSTEM, OIL-HEAT-GAS INDUSTRIES.

CONSTRUCTION: FIBERGLASS WEAVE+ MICA TAPE SURROUND+ FIBERGLASS WEAVE+ SILICONE COATED



TECHNICAL DATA SHEET:

Section	Conductor construction	Insulation thickness	O.D.	Realst,max Cuc, c20°C	Packing
mm ²	NO.Xφmm	(mm)	(mm)	(Ω/km)	(Mt/coils)
0.5	7X0.30	0.5	2.3±0.3	40.8	100
0.75	11X0.30	0.5	2.5±0.3	24.3	100
1	14X0.30	0.5	2.6±0.3	20	100
1.5	21X0.30	0.5	2.9±0.3	12.6	100
2	28X0.30	0.6	3.3±0.5	9.84	100
2.5	35X0.30	0.6	3.6±0.5	7.37	100
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CIN No. U29119GJ2002PTC041475

HIGH TEMP. FIBERGLASS CABLE DATASHEET

TYPE: G1000

CONDUCTOR : PURE NICKEL WIRE

INSULATION : FIBERGLASS WEAVE+ MICA TAPE SURROUND+ FIBERGLASS WEAVE

TEMP RANGE: 1000°C

RATED VOLTAGE : 300V/500V

TESTING VOLTAGE: 2000V

INSULATION RESISTANCE: $\geq 1500M.\Omega.KM(20^{\circ}C)$

OD TOLERANCE : $\pm 0.1MM$

STANDARD: Q321281KLA02-2009

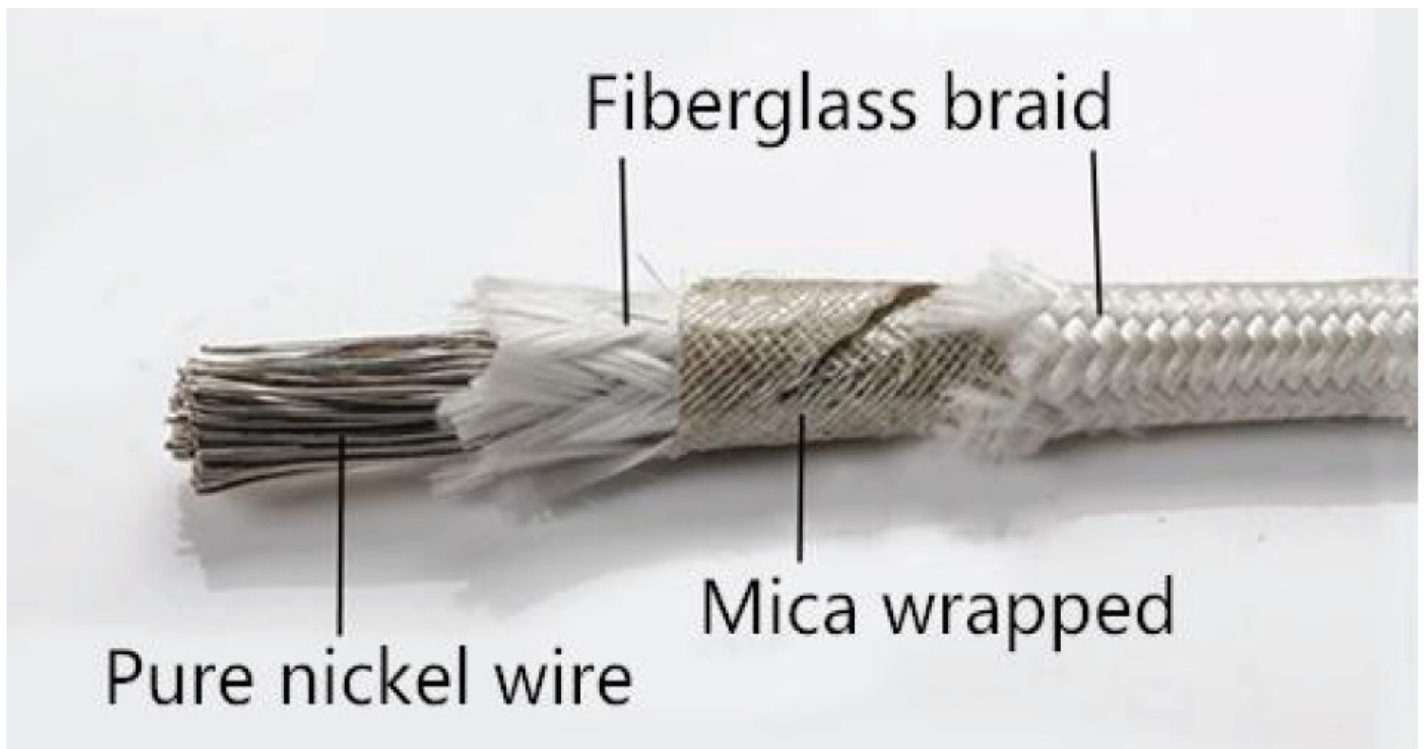
COLOR: WHITE (OTHER COLORS CAN BE CUSTOMIZED)

PACKING : 100M/ROLL

INSTALLATION CONDITIONS: FIXED INSTALLATION

APPLICATION: IT IS USED IN HIGH TEMP. INDUSTRIAL OVEN, HEATING SYSTEM, OIL-HEAT-GAS INDUSTRIES

CONSTRUCTION: FIBERGLASS WEAVE+ MICA TAPE SURROUND+ FIBERGLASS WEAVE+ SILICONE COATED



TECHNICAL DATA SHEET:

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