



THERMOCOUPLE WIRE

High Temp Fiberglass Braid Insulation

High Temp Fiberglass Braid Jacket

1300°F 704°C Continuous 1600°F 871°C Single Reading

Product Description



Conductor: Thermocouple wire per ANSI MC 96.1 & ASTM E230
(Solid or stranded available)

Insulation: High temperature fiberglass braid and saturant

Jacket: High temperature fiberglass braid and saturant



- Excellent flame retardance, resistance to acids, solvents and bases
- Good resistance to moisture and abrasion
- Good flexibility

Widely used in industrial applications such as steel, aluminum and glass plants. Also used in the heat treating industry, furnace surveys and temperature sensors.

Conductor		Insulation		Jacket		OD		Ship Wt	
AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
24	0.51	0.010	0.25	0.010	0.25	.060 x .100	1.52 x 2.54	5	7
22	0.64	0.010	0.25	0.010	0.25	.065 x .110	1.65 x 2.79	6	9
20	0.81	0.010	0.25	0.010	0.25	.072 x .124	1.83 x 3.15	9	13
18	1.02	0.010	0.25	0.010	0.25	.080 x .140	2.03 x 3.56	15	22
16	1.29	0.010	0.25	0.010	0.25	.090 x .160	2.29 x 4.06	23	34

24(7)	0.61	0.010	0.25	0.010	0.25	.064 x .108	1.63 x 2.74	5	7
20(7)	0.97	0.010	0.25	0.010	0.25	.076 x .132	1.93 x 3.35	9	13
16(7)	1.47	0.010	0.25	0.010	0.25	.098 x .176	2.49 x 4.47	23	34

Conductor insulation and overall jacket are color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584

Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request