



THERMOCOUPLE WIRE

Vitreous Silica Braid Insulation
Vitreous Silica Braid Jacket

1600°F 871°C Continuous 2000°F 1093°C Single Reading

Product Description



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

Insulation: Vitreous Silica braid

Jacket: Vitreous Silica braid



- Excellent flame retardance and resistance to elevated temperatures
- Poor resistance to moisture and abrasion

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

Conductor		Insulation		Jacket		OD		Ship Wt	
AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
24	0.51	0.015	0.38	0.015	0.38	.080 x .130	2.0 x 3.3	5	7
22	0.64	0.015	0.38	0.015	0.38	.085 x .140	2.2 x 3.6	6	9
20	0.81	0.015	0.38	0.015	0.38	.092 x .154	2.3 x 3.9	10	15
18	1.02	0.015	0.38	0.015	0.38	.100 x .170	2.5 x 4.3	15	22
16	1.29	0.015	0.38	0.015	0.38	.111 x .192	2.8 x 4.9	24	36

24(7)	0.61	0.015	0.38	0.015	0.38	.084 x .138	2.1 x 3.5	5	7
20(7)	0.97	0.015	0.38	0.015	0.38	.096 x .162	2.4 x 4.1	10	15
16(7)	1.47	0.015	0.38	0.015	0.38	.118 x .206	3.0 x 5.2	24	36

Negative conductors is color coded with a tracer 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