



THERMOCOUPLE WIRE

**Silicone Rubber Fiberglass Braid Insulation
Fiberglass Braid Jacket**

392°F 200°C Continuous 500°F 260°C Single Reading

Product Description



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

Insulation: Extruded silicone rubber with a fiberglass braid and saturant

Jacket: Fiberglass braid with a saturant



- Good flame retardance and moisture resistance
- Excellent flexibility
- Provides circuit integrity when exposed to fire/flame
- Available with an optional Silicone rubber jacket in place of the fiberglass braid
- Available with an optional FEP extrusion over the inner braid to provide oil and chemical resistance.

Used in applications requiring increased flexibility. Also used in environments that require functionality when exposed to catastrophic fire (Circuit Integrity).

Conductor		Insulation		Jacket		OD		Ship Wt	
AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
24	0.51	0.015	.38	0.005	0.13	.070 x .130	1.8 x 3.3	6	9
22	0.64	0.015	.38	0.005	0.13	.075 x .140	1.9 x 3.6	8	12
20	0.81	0.015	.38	0.005	0.13	.082 x .154	2.1 x 3.9	12	18
18	1.02	0.015	.38	0.005	0.13	.090 x .170	2.3 x 4.3	16	24
16	1.29	0.015	.38	0.005	0.13	.101 x .192	2.6 x 4.9	22	34

24(7)	0.61	0.015	.38	0.005	0.13	.074 x .138	1.9 x 3.5	7	10
20(7)	0.97	0.015	.38	0.005	0.13	.086 x .162	2.2 x 4.1	13	19
16(7)	1.47	0.015	.38	0.005	0.13	.108 x .206	2.7 x 5.2	23	35

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