



THERMOCOUPLE WIRE

PFA Insulation
PFA Jacket

500°F 260°C Continuous 550°F 290°C Single Reading

Product Description



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

Insulation: Extruded PFA

Jacket: Extruded PFA



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

Widely used in petrochemical facilities, the aerospace industry and also in electrical generating facilities. Also provides stability in low temperature applications.

Available in single and multi twisted shielded pair constructions.

Conductor		Insulation		Jacket		OD		Ship Wt	
AWG	MM ²	Inches	MM ²	Inches	MM ²	Inches	MM ²	Lbs/M	KG/M
24	0.51	0.008	0.20	0.010	0.25	.056 x .092	1.4 x 2.3	5	7
22	0.64	0.008	0.20	0.010	0.25	.061 x .102	1.5 x 2.6	7	10
20	0.81	0.008	0.20	0.010	0.25	.068 x .116	1.7 x 2.9	10	15
18	1.02	0.008	0.20	0.010	0.25	.076 x .132	1.9 x 3.4	15	22
16	1.29	0.008	0.20	0.010	0.25	.087 x .154	2.2 x 3.9	22	33

24(7)	0.61	0.008	0.20	0.010	0.25	.060 x .100	1.6 x 2.7	6	8
20(7)	0.97	0.008	0.20	0.010	0.25	.072 x .124	1.8 x 3.1	11	16
16(7)	1.47	0.008	0.20	0.010	0.25	.094 x .168	2.4 x 4.3	22	33

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