



THERMOCOUPLE WIRE

FEP Insulation
FEP 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 FEP

Jacket: Extruded FEP



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

Widely used in petrochemical facilities, the aerospace industry and also in temperature sensors. 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	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
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