



# THERMOCOUPLE WIRE

**Polyimide Insulation**  
**Polyimide Jacket**

600°F 316°C Continuous 800°F 427°C Single Reading

## Product Description



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

Insulation: Fused polyimide tape

Jacket: Fused polyimide tape



- Excellent flame retardance and chemical resistance
- Excellent resistance to acids, solvents, radiation 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.

Conductor		Insulation		Jacket		OD		Ship Wt	
AWG	MM <sup>2</sup>	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
24	0.51	0.006	.15	0.006	.15	.080 x .130	2.0 x 3.3	4	6
22	0.64	0.006	.15	0.006	.15	.085 x .141	2.2 x 3.6	6	9
20	0.81	0.006	.15	0.006	.15	.092 x .154	2.3 x 3.9	9	13
18	1.02	0.006	.15	0.006	.15	.100 x .170	2.5 x 4.3	14	21
16	1.29	0.006	.15	0.006	.15	.111 x .192	2.8 x 4.9	20	30

24(7)	0.61	0.006	.15	0.006	.15	.084 x .138	2.1 x 3.5	4	6
20(7)	0.97	0.006	.15	0.006	.15	.096 x .162	2.4 x 4.1	9	13
16(7)	1.47	0.006	.15	0.006	.15	.119 x .208	3.0 x 5.3	20	30

Conductor insulation is 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