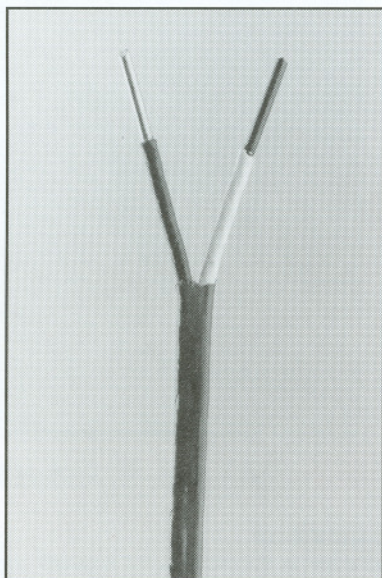
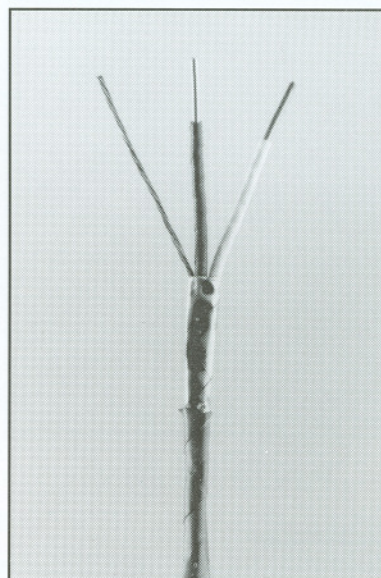


# Thermocouple Wire



**KK** Kapton\* Tape



**KAK** Kapton\* Tape

## PRODUCT DESCRIPTION

Very tough, durable double wrap of heat-fused polyimide tape is applied over each conductor. Each insulated single conductor is coated with an ANSI color coded polyimide varnish. The jacket consists of a double-wrapped heat-fused polyimide tape.

## PERFORMANCE FEATURES

- Designed for continuous use at temperatures to 500°F (315°C), intermittent readings to 650°F (430°C).
- Color-coded single conductor & a double-wrapped jacket offers easy polarity identification
- Excellent abrasion, moisture and chemical resistance

## APPLICATIONS

- Power Plants
- Kilns
- Petroleum Plants
- Aerospace Industry
- Cryogenic Applications

## PRODUCT DESCRIPTION

Very tough, durable double wrap of heat-fused polyimide tape is applied over each conductor. Insulated conductors are twisted with a stranded drain wire and the twisted construction is covered with aluminum/ Kapton\* tape. The outer jacket consists of a double-wrapped heat-fused polyimide tape.

## PERFORMANCE FEATURES

- Designed for continuous use at temperatures to 500°F (315°C), intermittent readings to 650°F (430°C).
- Color-coded single conductor & a double-wrapped jacket offers easy polarity identification
- Excellent abrasion, moisture and chemical resistance
- Twisted/Shielded construction minimizes electrical interference

## APPLICATIONS

- Power Plants
- Kilns
- Petroleum Plants
- Aerospace Industry
- Cryogenic Applications

	Insulation Color Code: Positive - Yellow		Negative - Red		Overall - Brown		Nominal Size (in)	Weight/ 1000 ft.
	Order Code	Insulation Singles Jacket	AWG No.	Type Wire	Temperature (°F)			
					Continuous	Intermittent		
Calibration: ANSI Type K Chromel/Alumel	K-16-KK	Kapton* Kapton*	16	Solid	500	650	.072 x .140	21
	K-20-KK	Kapton* Kapton*	20	Solid	500	650	.052 x .102	11
	K-20-KAK	Kapton* Kapton* Tw/Sh	20	Solid	500	650	.120	13
	K-24-KK	Kapton* Kapton*	24	Solid	500	650	.042 x .075	5
Calibration: ANSI Type J Iron/Constantan	J-16-KK	Kapton* Kapton*	16	Solid	500	650	.072 x .140	21
	J-20-KK	Kapton* Kapton*	20	Solid	500	650	.052 x .102	11
	J-24-KK	Kapton* Kapton*	24	Solid	500	650	.042 x .075	5
	Calibration: ANSI Type E Chromel/Constantan	E-20-KK	Kapton* Kapton*	20	Solid	500	650	.052 x .102
E-20-KAK		Kapton* Kapton* Tw/Sh	20	Solid	500	650	.120	15
E-24-KK		Kapton* Kapton*	24	Solid	500	650	.042 x .075	5
Calibration: ANSI Type T Copper/Constantan		T-16-KK	Kapton* Kapton*	16	Solid	500	650	.072 x .140
	T-20-KK	Kapton* Kapton*	20	Solid	500	650	.052 x .102	11
	T-20-KAK	Kapton* Kapton* Tw/Sh	20	Solid	500	650	.120	15

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