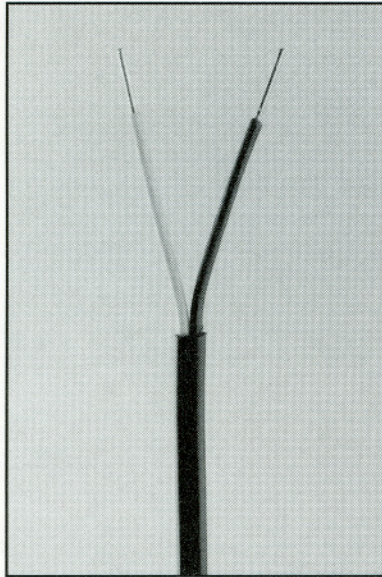
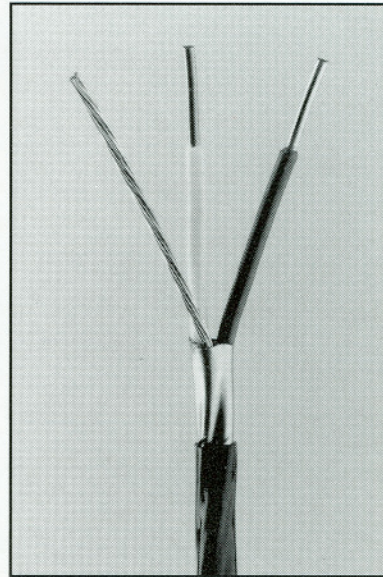


# Thermocouple Wire



**TT** Extruded, FEP Teflon\*



**TAT** Extruded, Shielded FEP Teflon\*

## PRODUCT DESCRIPTION

Color-coded FEP Teflon\* is extruded over each single conductor. The single insulated conductors are laid parallel and insulated with an extruded jacket of FEP Teflon\*.

## PERFORMANCE FEATURES

- Designed for continuous use at temperatures to 400°F (205°C), intermittent use to 500°F (260°C).
- Most economic and popular of the Teflon\* constructions.
- Excellent low-friction jacket facilitates easy pulling of wire through conduits.

## APPLICATIONS

- Power generating plants
- Petroleum plants
- Field heat treating

## PRODUCT DESCRIPTION

Color-coded FEP Teflon\* is extruded over each single conductor. Insulated conductors are twisted with a stranded drain wire, and the twisted construction is covered with an aluminum/Mylar tape.

## PERFORMANCE FEATURES

- Designed for continuous use at temperatures to 400°F (260°C), intermittent use to 500°F (260°C).
- Twisted/Shielded construction minimizes electrical interference.
- Excellent abrasion, moisture and chemical resistance.

## APPLICATIONS

- Power generating plants
- Petroleum plants
- Field heat treating

### Insulation Color Code: Positive - Yellow Negative - Red Overall - Brown

Order Code	Insulation		AWG No.	Type Wire	Temperature (°F)		Nominal Size (in)	Weight/ 1000 ft.
	Singles	Jacket			Continuous	Intermittent		
K-20-TT	FEP Teflon*	FEP Teflon*	20	Solid	400	500	.067 x .115	11
K-20-TAT	FEP Teflon*	FEP Teflon* Tw/Sh	20	Solid	400	500	.135	20
K-24-TT	FEP Teflon*	FEP Teflon*	24	Solid	400	500	.055 x .090	7

### Insulation Color Code: Positive - White Negative - Red Overall - Brown

J-20-TT	FEP Teflon*	FEP Teflon*	20	Solid	400	500	.067 x .115	11
J-20-TAT	FEP Teflon*	FEP Teflon* Tw/Sh	20	Solid	400	500	.135	20
J-24-TT	FEP Teflon*	FEP Teflon*	24	Solid	400	500	.060 x .100	7

### Insulation Color Code: Positive - Purple Negative - Red Overall - Brown

E-20-TT	FEP Teflon*	FEP Teflon*	20	Solid	400	500	.067 x .115	11
E-20-TAT	FEP Teflon*	FEP Teflon* Tw/Sh	20	Solid	400	500	.135	20
E-24-TT	FEP Teflon*	FEP Teflon*	24	Solid	400	500	.055 x .090	7

### Insulation Color Code: Positive - Blue Negative - Red Overall - Brown

T-20-TT	FEP Teflon*	FEP Teflon*	20	Solid	400	500	.067 x .115	11
T-20-TAT	FEP Teflon*	FEP Teflon* Tw/Sh	20	Solid	400	500	.135	20
T-24-TT	FEP Teflon*	FEP Teflon*	24	Solid	400	500	.055 x .090	7

\*Trademark of E.I. DuPont

Calibration:  
ANSI Type K  
Chromel/Alumel

Calibration:  
ANSI Type J  
Iron/Constantan

Calibration:  
ANSI Type E  
Chromel/Constantan

Calibration:  
ANSI Type T  
Copper/Constantan