

FEP 200°C SHIELDED THERMOCOUPLE WIRE

APPLICATIONS

- Temperature Sensors
- Aerospace
- Petrochemical Plants

RATINGS

- Flame Retardant
- Passes IEEE 383 Flame Test
- Passes VW-1 Flame Test

SPECIFICATIONS

Conductor: Solid or stranded thermocouple grade wire per ASTM E230 & ANSI MC96.1

Construction: Twisted shielded pair with drain wire

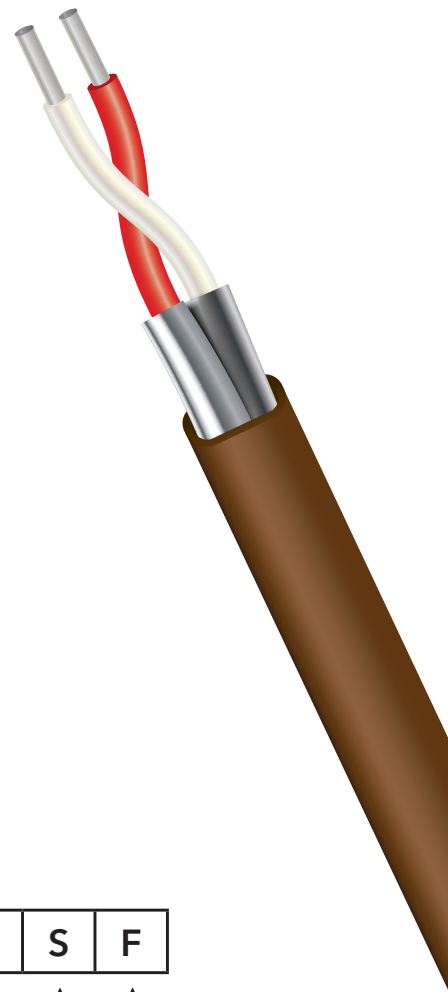
Insulation: Extruded fluorinated ethylene propylene (FEP) fluoropolymer

Overbraid (Optional): Stainless Steel

Jacket: Extruded fluorinated ethylene propylene (FEP) fluoropolymer

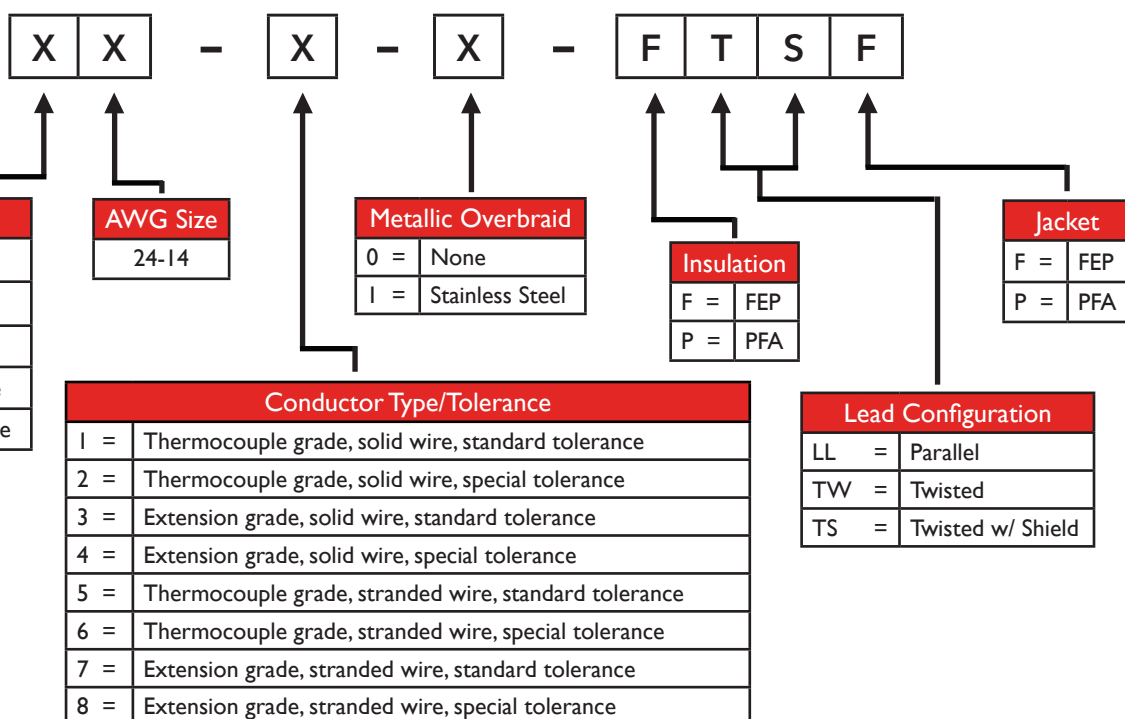
Color Code: Conforms to ASTM E230 & ANSI MC96.1

RTD constructions available. Please consult factory for more information.



ORDERING CODE

Example:



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FEP 200°C SHIELDED THERMOCOUPLE WIRE

SPECIFICATIONS:

Conductor Size	Insulation Thickness		Jacket Thickness		Outer Dia. (OD)		Net Weight	
	AWG	IN	MM	IN	MM	IN	MM	LBS/MF
24	0.008	0.20	0.010	0.25	0.105	2.7	10	15
22	0.008	0.20	0.010	0.25	0.115	2.9	12	18
20	0.008	0.20	0.010	0.25	0.129	3.3	15	22
18	0.008	0.20	0.010	0.25	0.145	3.7	19	28
16	0.008	0.20	0.010	0.25	0.167	4.2	26	38
14	0.008	0.20	0.010	0.25	0.193	4.9	37	55

Initial Calibration Tolerances per ASTM E230 and ANSI MC96.1

Type	Wire Grade	Temperature Range °C	Standard Grade Limits of Error	Special Grade Limits of Error
J	Thermocouple	0°C to 760°C	± 2.2°C or ± 0.75%	± 1.1°C or 0.4%
K	Thermocouple	0°C to 1260°C	± 2.2°C or ± 0.75%	± 1.1°C or 0.4%
JX	Extension	0°C to 200°C	± 2.2°C	± 1.1°C
KX	Extension	0°C to 200°C	± 2.2°C	± 1.1°C
RSX	Extension	0°C to 200°C	± 5°C	N/A

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