

## Thermocouple Wire - Special Limits of Error



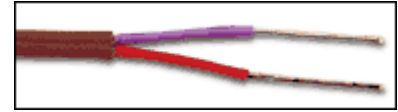
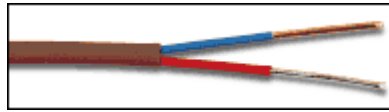
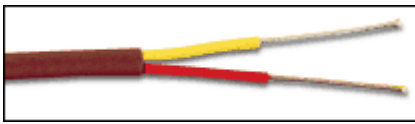
Special Limits of Error for Thermocouples: <sup>1</sup>

Model #	AWG
GG-J-20-SLE	20
GG-J-24-SLE	24
TT-J-20-SLE	20
TT-J-24-SLE	24

Thermocouple Type	Temp Range °C	Temp Range °F	Special Limits of Error <sup>(2)</sup>
T	0 to 350	32 to 662	±0.5°C or 0.4%
J	0 to 750	32 to 1382	±1.1°C or 0.4%
E	0 to 900	32 to 1652	±1.0°C or 0.4%
K	0 to 1250	32 to 2282	±1.1°C or 0.4%

<sup>1</sup>ANSI MC96.1 (1975)

<sup>2</sup>Whichever is greater



Model #	AWG
GG-K-20-SLE	20
GG-K-24-SLE	24
TT-K-20-SLE	20
TT-K-24-SLE	24

Model #	AWG
GG-T-20-SLE	20
GG-T-24-SLE	24
TT-T-20-SLE	20
TT-T-24-SLE	24

Model #	AWG
GG-E-20-SLE	20
GG-E-24-SLE	24
TT-E-20-SLE	20
TT-E-24-SLE	24

GG=Glass/Glass

TT=PFA/PFA

High Temperature Silfa Silica also available



NEWPORT will overbraid any thermocouple wire with Inconel 600, 304 SS or tinned copper overbraiding. Both Inconel 600 and SS add durability and abrasion protection.

Part Number	Description
GG-K-20-SLE-1000	1000 ft., Type K, 20 AWG, Fiberglass Insulated Thermocouple Wire, Special Limits of Error
GG-K-24-SLE-100	100 ft, Type K, 24 AWG, Fiberglass Insulated Thermocouple Wire, Special Limits of Error
TT-K-24-SLE-25	25 ft., Type K, 24 AWG, PFA Polymer Insulated Thermocouple Wire, Special Limits of Error
TT-J-24-SLE-1000	1000 ft., Type J, 24 AWG, PFA Polymer Insulated Thermocouple Wire, Special Limits of Error
GG-T-20-SLE-500	500 ft., Type T, 20 AWG, Fiberglass Insulated Thermocouple Wire, Special Limits of Error
TT-T-24-SLE-50	50 ft., Type T, 24 AWG, PFA Polymer Insulated Thermocouple Wire, Special Limits of Error

## Part Number Builder

(1)	(2)	(3)	(4)
GG	-T	-20	-SLE- 25

### Option Descriptions

(1)

#### Select

**GG** for Glass/Glass

**TT** for PFA

(2) **Calibration**

#### Select

**-T** for 0-350°C (32-662°F)

**-J** for 0-750°C (32-1382°F)

**-E** for 0-900°C (32-1652°F)

**-K** for 0-1250°C (32-2282°F)

**-N** for 270 to 1300°C (450 to 2372°F)

(3) **AWG Number**

#### Select

**-20** for 0.81mm (0.032inch) Diameter

**-24** for 0.51mm (0.020inch) Diameter

(4) **Length**

#### Select

**25** for 7.5m (25ft)

**50** for 15m (50ft)

**100** for 30m (100ft)

**200** for 60m (200ft)

**500** for 150m (500ft)

**1000** for 300m (1000ft)

**NOTE:** All combinations may not be valid, check spec sheet for valid part numbers.

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