

MAXIMUM TEMPERATURE RANGE

Thermocouple Grade

- 328 to 1652°F
- 200 to 900°C

Extension Grade

32 to 392°F
0 to 200°C

LIMITS OF ERROR

(whichever is greater)

Standard: 1.7°C or 0.5% Above 0°C

1.7°C or 1.0% Below 0°C

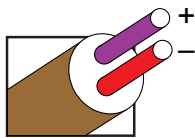
Special: 1.0°C or 0.4%

COMMENTS, BARE WIRE ENVIRONMENT:

Oxidizing or Inert; Limited Use in Vacuum or Reducing; Highest EMF Change per Degree

TEMPERATURE IN DEGREES °C

REFERENCE JUNCTION AT 0°C

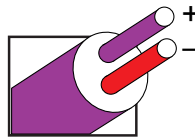


Thermocouple Grade

Nickel-Chromium

vs.

Copper-Nickel



Extension Grade

Revised Thermocouple Reference Tables

TYPE E

Reference Tables
N.I.S.T. Monograph 175
Revised to ITS-90

Thermoelectric Voltage in Millivolts

Table with columns for temperature in °C and °F, and rows for thermoelectric voltage in millivolts. The table is divided into two main sections: 0 to 1000 °C and 0 to 100 °C.



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