

MAXIMUM TEMPERATURE RANGE

Thermocouple Grade

- 328 to 2282°F  
- 200 to 1250°C

Extension Grade

32 to 392°F  
0 to 200°C

LIMITS OF ERROR

(whichever is greater)

Standard: 2.2°C or 0.75% Above 0°C

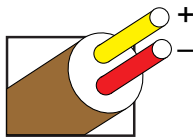
2.2°C or 2.0% Below 0°C

Special: 1.1°C or 0.4%

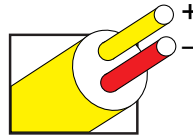
COMMENTS, BARE WIRE ENVIRONMENT:

Clean Oxidizing and Inert; Limited Use in Vacuum or Reducing; Wide Temperature Range; Most Popular Calibration

TEMPERATURE IN DEGREES °C  
REFERENCE JUNCTION AT 0°C



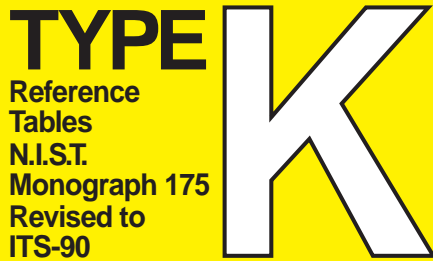
Nickel-Chromium  
vs.  
Nickel-Aluminum



Thermocouple Grade

Extension Grade

Revised Thermocouple Reference Tables



Thermoelectric Voltage in Millivolts

Table with 20 columns and 20 rows showing thermoelectric voltage in millivolts for temperatures from -260°C to 910°C. The table is split into two main sections: the left section covers -260°C to 190°C, and the right section covers 250°C to 910°C.





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