

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

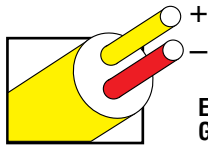
TEMPERATURE IN DEGREES °F

REFERENCE JUNCTION AT 32°F

Revised Thermocouple Reference Tables



°F Nickel-Chromium vs. Nickel-Aluminum



Extension Grade

IEC color code

ANSI color code

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

Thermoelectric Voltage in Millivolts

Table with columns for temperature in °F and °C, and rows for thermoelectric voltage in millivolts. Includes sub-headers for IEC and ANSI color codes.



