





MAXIMUM TEMPERATURE RANGE

Thermocouple Grade

32 to 2642°F

0 to 1450°C

Extension Grade

32 to 300°F

0 to 150°C

LIMITS OF ERROR

(whichever is greater)

Standard: 1.5°C or 0.25%

Special: 0.6°C or 0.1%

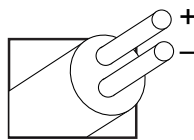
COMMENTS, BARE WIRE ENVIRONMENT:

Oxidizing or Inert; Do Not Insert in Metal Tubes;

Beware of Contamination; High Temperature

TEMPERATURE IN DEGREES °F

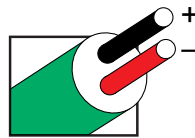
REFERENCE JUNCTION AT 32°F



Thermocouple Grade

NONE ESTABLISHED

Platinum-13% Rhodium VS. Platinum



Extension Grade

Revised Thermocouple Reference Tables

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

Large stylized letter R

Thermoelectric Voltage in Millivolts

Large table with columns for temperature in °F (0-10) and °C (0-10) and corresponding thermoelectric voltage values in millivolts for various thermocouple types.