

Summary of Thermocouple Characteristics

Type		Atmosphere	Temperature Range, °F	UV/°F	Stability
Copper-Constantan	T	Any	-313 to 752	27	Fair
Iron-Constantan	J	Any	-319 to 1600	31	Fair
Chromal-Alumal	K	Oxidizing	0 to 2500	22	Fair
Chromal-Constantan	E	Oxidizing	-320 to 1830	42	Good
PT-PT+10%RHOD.	S	Oxidizing	0 to 3215	6	Best
PT-PT+13%RHOD.	R	Oxidizing	0 to 3099	10	Best

Source: North American Mfg. Co.