

INTERNATIONAL THERMOCOUPLE COLOR CODE CHART

THERMOCOUPLE AND EXTENSION GRADE WIRES



THERMOCOUPLE TYPE	ALLOY COMBINATION	North America			International		Czechoslovakia Britain	Netherlands Germany	Japan	France
		ANSI MC 96.1 Thermocouple Grade	ANSI MC 96.1 Extension Grade	PLUG & JACK	IEC 584-3 Thermocouple Grade	IEC 584-3 Intrinsically Safe	BS 1843	DIN 43714	ISC1610-198	NF C42-323
J	Iron			Black						
	Constantan			●						
K	Chromel			Yellow						
	Alumel			●						
E	Chromel			Purple						
	Constantan			●						
T	Copper			Blue						
	Constantan			●						
N	Nicrosil			Orange				No Standard Use ANSI ± Color Code		No Standard Use ANSI ± Color Code
	Nisil			●						
R	Platinum Rhodium - 13%	None-Established		Green						
	Platinum			●						
S	Platinum Rhodium - 10%	None-Established		Green						
	Platinum			●						
B	Platinum Rhodium - 30%	None-Established		White		None-Established	No Standard Use copper wire			
	Platinum Rhodium - 6%			○						No Standard Use copper wire
C	Tungsten Rhenium - 5%	None-Established		Red	None-Established	None-Established	None-Established	No Standard Use ANSI ± Color Code		No Standard Use ANSI ± Color Code
	Tungsten Rhenium - 26%			●						
WR	Tungsten	None-Established		N/A	None-Established	None-Established	None-Established	No Standard Use ANSI ± Color Code		No Standard Use ANSI ± Color Code
	Tungsten Rhenium -26%									
W3	Tungsten Rhenium - 3%	None-Established		N/A	None-Established	None-Established	None-Established	No Standard Use ANSI ± Color Code		No Standard Use ANSI ± Color Code
	Tungsten Rhenium - 25%									
W5	Tungsten Rhenium - 5%	None-Established		N/A	None-Established	None-Established	None-Established	No Standard Use ANSI ± Color Code		No Standard Use ANSI ± Color Code
	Tungsten Rhenium - 26%									