

Alloys	Electrical Resistivity ($\mu\Omega\text{m}$)	Temperature Coefficient of Resistance ($\times 10^{-6}/^{\circ}\text{C}$)	Thermal Coefficient of expansion ($\times 10^{-6}/^{\circ}\text{C}$)	Melting Temperature ($^{\circ}\text{C}$)	Density ($\text{g}\cdot\text{cm}^3$)	Max. operating temperature ($^{\circ}\text{C}$)
NCHW1	1.08	140	18.0	1400	8.41	1100
NCHW2	1.12	220	17.0	1400	8.25	1000
FCHW1	1.42	80	14.0	1520	7.20	1250
FCHW2	1.23	150	13.5	1500	7.35	1100
No30	1.42		14.0	1520	7.20	1300
KANTHAL A-1	1.45		15.0	1500	7.10	1400
KANTHAL AF	1.39		15.0	1500	7.15	1400
KANTHAL D	1.35		15.0	1500	7.25	1300
NIKROTHAL LX	1.33	± 10	13.5	1400	8.10	300
KN(Almel)	0.28	2200	12.0	1399	8.60	1200
KP(Cromel)	0.69	350	13.1	1427	8.73	1200
CNWA	0.49	± 20	14.4	1290	8.90	200
CN49W	0.49	± 40	14.4	1290	8.90	400
CN30W	0.30	180	17.5	1150	8.90	300
CN15W	0.15	490	17.5	1100	8.90	250
CN10W	0.10	710	17.5	1090	8.90	220
CN 5W	0.05	1300	17.5	1080	8.90	200
NSW	0.30	350	17.3	1080	8.59	260
CMWA	0.44	-10~+20	18.7	1020	8.44	45
CM44W	0.44	± 50	18.7	1020	8.40	150
NiW(NW2200)	0.09	4500	15.0	1400	8.90	400
2%MnNi	0.11		14.0	1360	8.90	
42%Nickel Iron	0.70	2600	6.4~7.4	1425	8.25	
52%Nickel Iron	0.43	3900	9.6~10.1	1425	8.35	
Monel	0.50	1450	14.0	1360	8.90	400
Kovar	0.49		4.6~5.5	1,450	8.24	
SUS304	0.72		17.3	1400	7.93	
SUS305J-1	0.72		17.3	1400	7.93	
SUS310S	0.86		14.4	1400	7.98	
SUS316L	0.77		16.0	1370	7.98	
PBW2(C5191W)	0.115	4000	18.0	1050	8.83	
PBW3(C5212W)	0.140	4000	18.2	1040	8.80	
Copper	0.017	4000	15.9	1085	8.90	
Silver	0.016	4000	19.2	960	10.6	
Iron	0.101	6200	11.4	1575	7.70	
Aluminum	0.029	3900	23.1	655	2.68	