

Alloy	Nominal Composition	Resistivity OHMS-CMF (20°C)	Temperature Coefficient of Resistance		Melting Temp °C	Coefficient of Linear Expansion		Tensile		Specific Gravity	Weight Lbs/In³	Maximum Recommended Operating Temperature		ASTM Specs	
			OHMS/	OHMC/°C		Temp Range °C	Coefficient	Temp Range °C	Soft			Hard	°C		°F
FeCrAl 720	4% Al, 13% Cr, Bal Fe	720	0.000153		20-600	1510	0.000014	20-750	90	190	7.28	0.263	920	1700	B603
Common Industry Trade names	<i>Alkrothal 720, ALK 720, 1JR Type1</i>														
FeCrAl 750	4.5% Al, 15% Cr, Bal Fe	750	0.00026		20-500	1510	0.000014	20-750	90	190	7.28	0.263	1050	1920	B603
Common Industry Trade names	<i>Alkrothal 14, ALK, Alloy 750, Alchrome 750, Resistohm 125, Stablohm 750</i>														
FeCrAl 815	4.5% Al, 22% Cr, Bal Fe	815	0.00032		20-500	1510	0.000014	20-750	112	200	7.25	0.262	1280	2335	B603
Common Industry Trade names	<i>Kanthal D, KD, Alloy 815 Resistohm 135, Alchrome DK, Aluchrom I, Stablohm 812</i>														
FeCrAl 837F	30% Cr, 1.45% Si, Bal Ni	837	0.0003		20-500	1510	0.000014	20-750	115	210	7.15	0.259	1300	2375	B603
Common Industry Trade names	<i>Kanthal AF, KAF, Alloy 837, Resistohm Y, Aluchrom Y</i>														
FeCrAl 875	5.5% Al, 22% Cr, Bal Fe	875	.0001		20-500	1510	0.000014	20-750	115	210	7.09	0.256	1375	2505	B603
Common Industry Trade names	<i>Kanthal A-1, KA1, Alloy 875, Resistohm 145, Alchrom 875, Aluchrom O, Stablohm 875</i>														