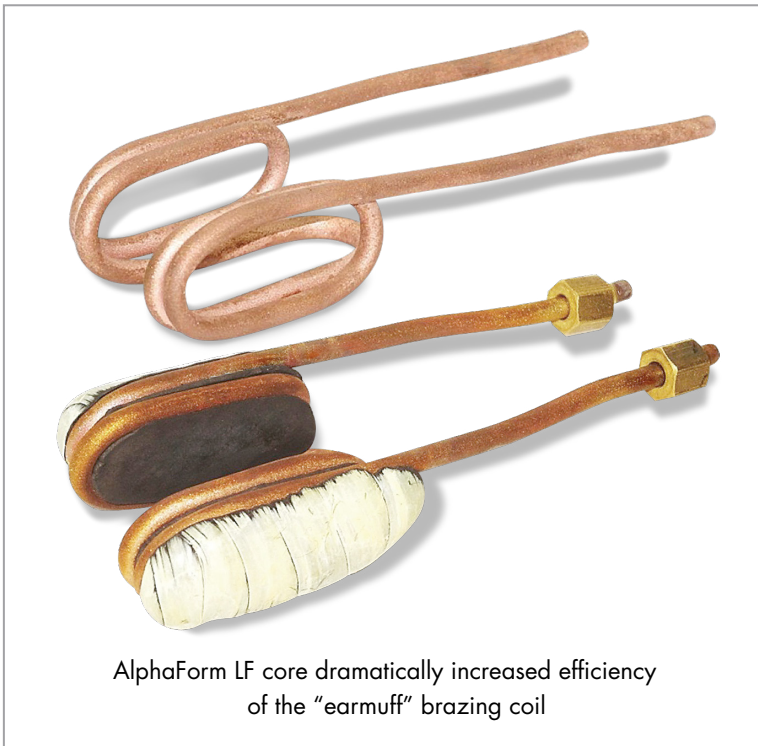
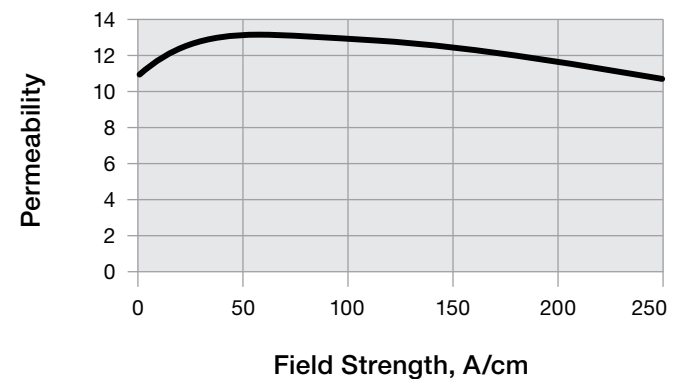
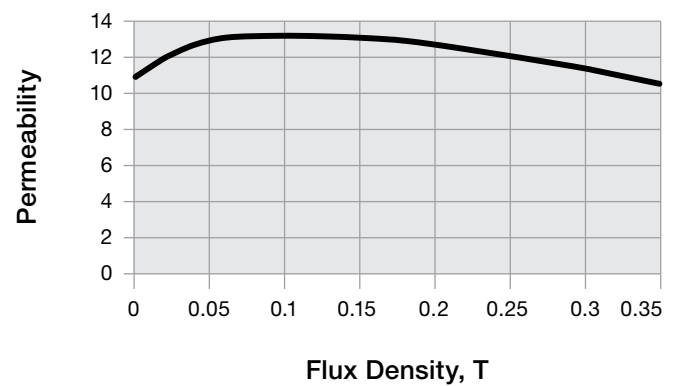
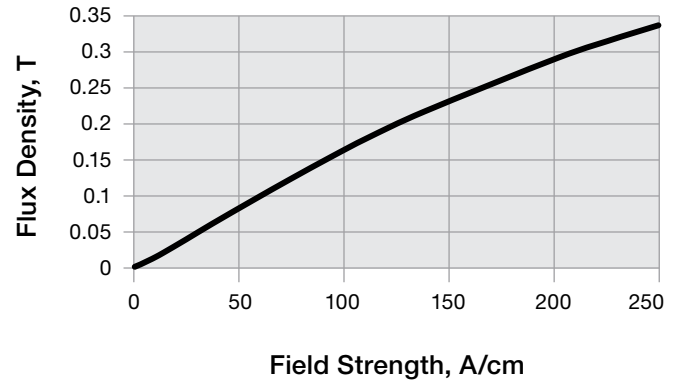


Low to Medium Frequency Soft Magnetic Composite [Frequency Range: 1 – 80 kHz]

Formable soft magnetic composite developed on the basis of magnetic particles with a thermal-curing epoxy binder. This material may be used for quick and efficient installation to induction coils with low tolerances. No additional electrical insulation of the coil turns is necessary.

Properties	Units	ALPHAFORM LF
Density ± 2%	g/cm ³	4.1
Initial Permeability	None	11
Maximum Permeability	None	13
Saturation Flux Density	T	1.0
Operating Frequency Range	kHz	1–80
Major Frequency Range	kHz	3–50
Temperature Resistance	Centigrade	225 Long Term 300 Short Term
Thermal Conductivity	W/cm °C	0.02
Resistivity	kOhmcm	>15



Each grade of Fluxtrol material has its own distinctive properties that are the most beneficial to certain application conditions, process type, coil design, frequency, etc. **Contact Fluxtrol or your local distributor for more information about which material is optimal for you.**

FLUXTROL 100

FLUXTROL A

FLUXTROL 50

FERROTRON 559H

ALPHAFORM LF