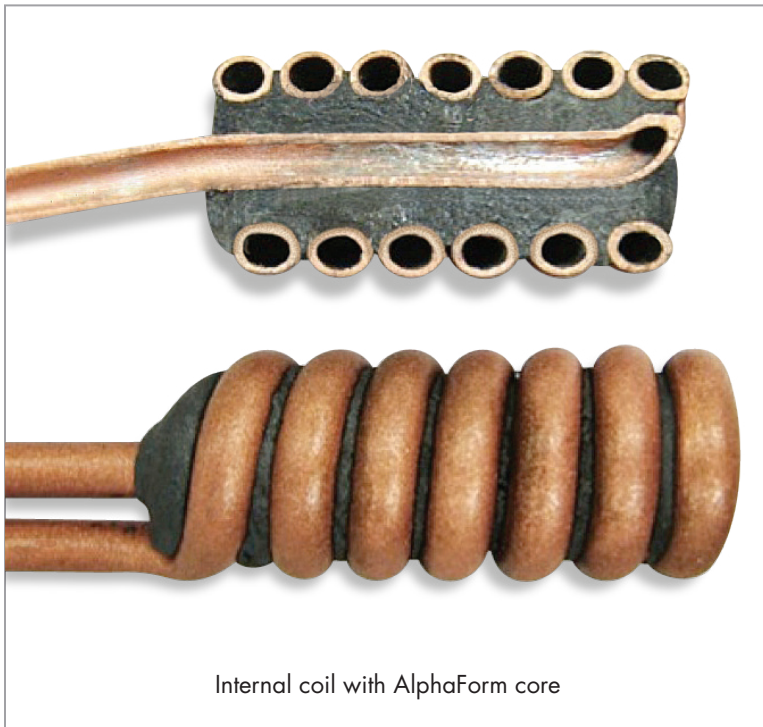
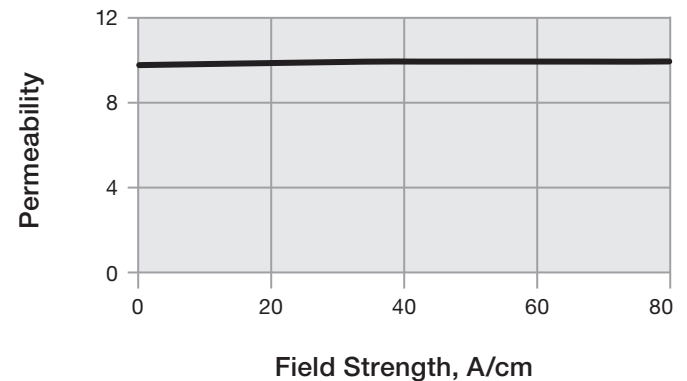
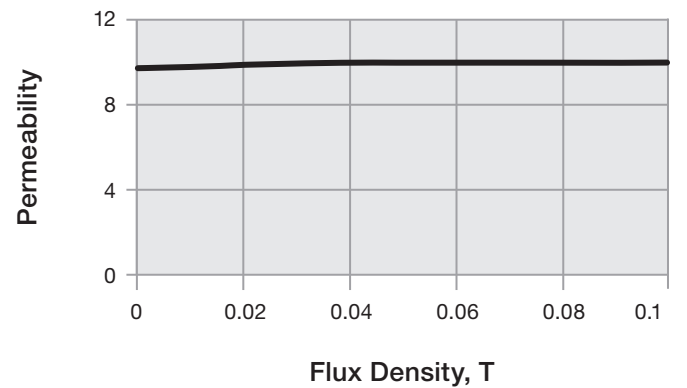
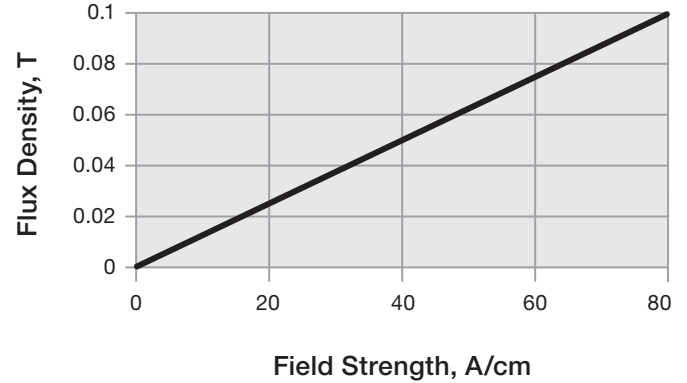


Medium to High Frequency Soft Magnetic Composite [Frequency Range: 10 – 1000 kHz]

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 MF |
|---------------------------|-------------------|---------------------------------|
| Density ± 2% | g/cm ³ | 4.0 |
| Initial Permeability | None | 9.8 |
| Maximum Permeability | None | 10 |
| Saturation Flux Density | T | 0.9 |
| Operating Frequency Range | kHz | 10–1000 |
| Major Frequency Range | kHz | 20–450 |
| 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