

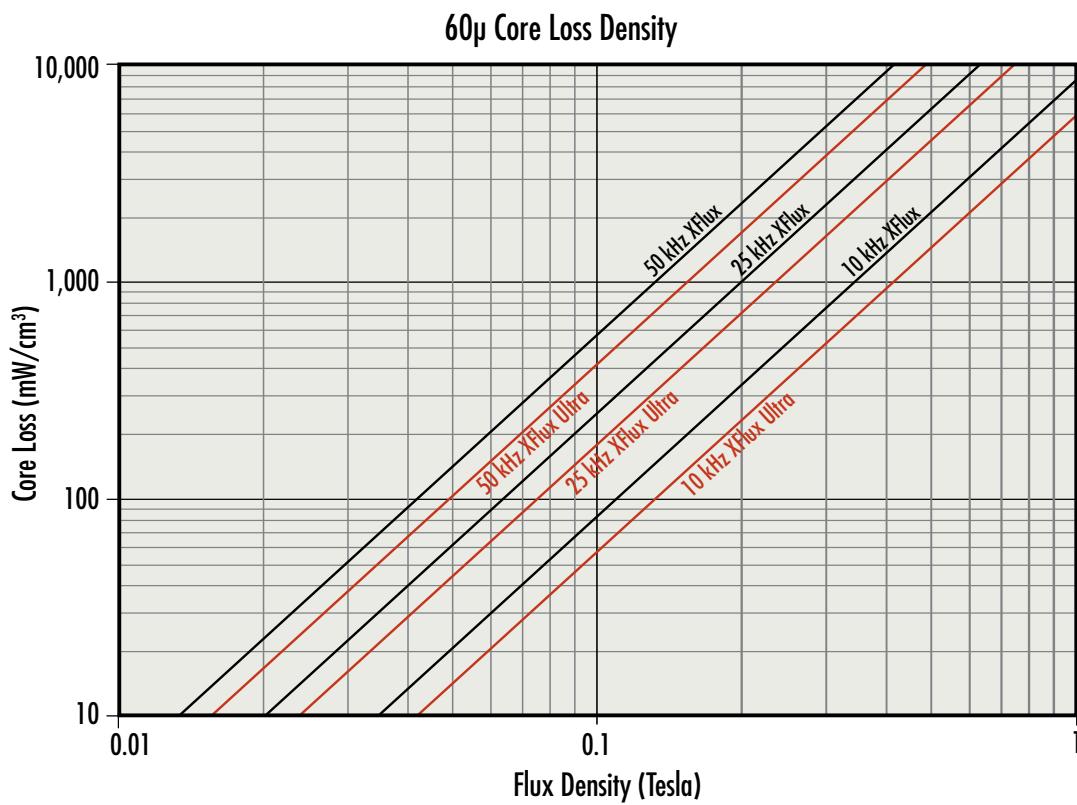


XFlux® Ultra Powder Cores



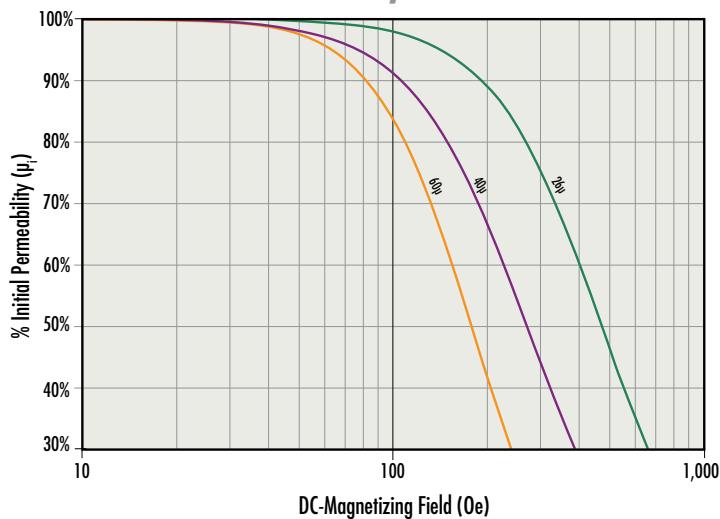
Magnetics' XFlux® Ultra powder cores offer the same high saturation found in standard silicon-iron XFlux while providing a 20% improvement in core loss. Applications include high efficiency Uninterruptible Power Supplies (UPS), high power SMPS, and Power Factor Correction (PFC) for On-Board Chargers (OBC).

Currently available in 26 μ , 40 μ , and 60 μ in toroids, E cores, EQ cores, LP cores, U cores, Blocks, and Cylinders.

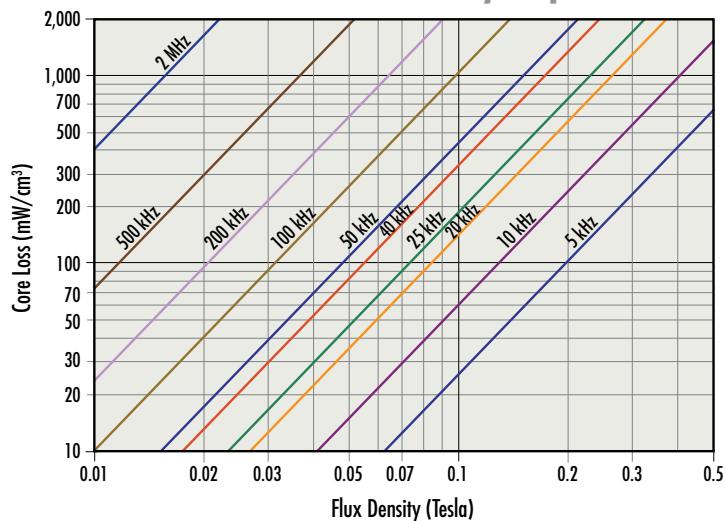


60 μ	Perm vs. DC Bias (Oer)		Core Loss (mW/cm ³) W _{100 mT, 50 kHz}
	80%	50%	
XFlux® Ultra	110	180	450
XFlux®	100	170	575

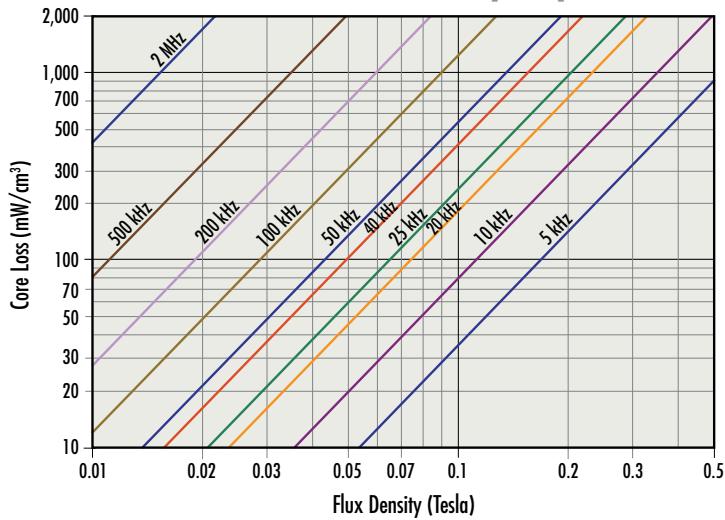
Permeability vs. DC Bias



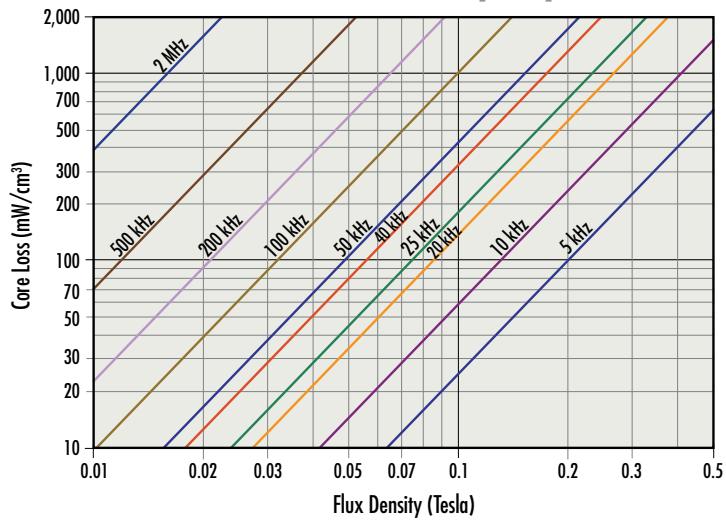
Core Loss Density 26μ



Core Loss Density 40μ



Core Loss Density 60μ



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