



MH&W International announces the availability of Powder Cores. Powder cores are distributed air gap cores made from ferrous alloy powders for low losses at high frequencies. Small air gaps distributed evenly throughout the cores increase the amount of DC that can be passed through the winding before core saturation occurs. Molybdenum Permalloy powder (MPP) cores are excellent as low loss inductors for switch-mode power supplies, switching regulators and noise filters. High Flux and Sendust powder cores are better choice for the power factor correction (PFC), switching regulator inductors, in-line noise filters, pulse and Flyback transformers, and many other applications required for low losses at high frequencies.

MH&W International offers our private label of three types of soft magnetic powder cores of the Molybdenum Permalloy (MPP), High Flux and Sendust, which are mainly used for inductors and transformers requiring the low losses and inductance stability under high DC bias conditions. The fully standardized production under strict quality control from raw materials (nickel, iron, molybdenum, aluminum and silicon) to finished products enables MH&W to reduce the variations in product quality making it possible to maintain a guaranteed level of quality.

Materials	•MPP: Ni-Fe-Mo alloy •High Flux: Ni-Fe alloy •Sendust: Fe-Si-Al alloy
Availability	•Sizes: From 3.5mm OD to 77.8mm OD •Permeabilities - MPP: 26, 60, 125, 147, 160, 173, 200 u - High Flux: 26, 60, 125, 147, 160 u - Sendust: 26, 60, 75, 90, 125 u
Core Finishes	•Finish: Epoxy, Parylene-C, Plastic Case •Color -MPP: Yellow -High Flux: Green -Sendust: Blue •Break-Down Voltage: 500V min.



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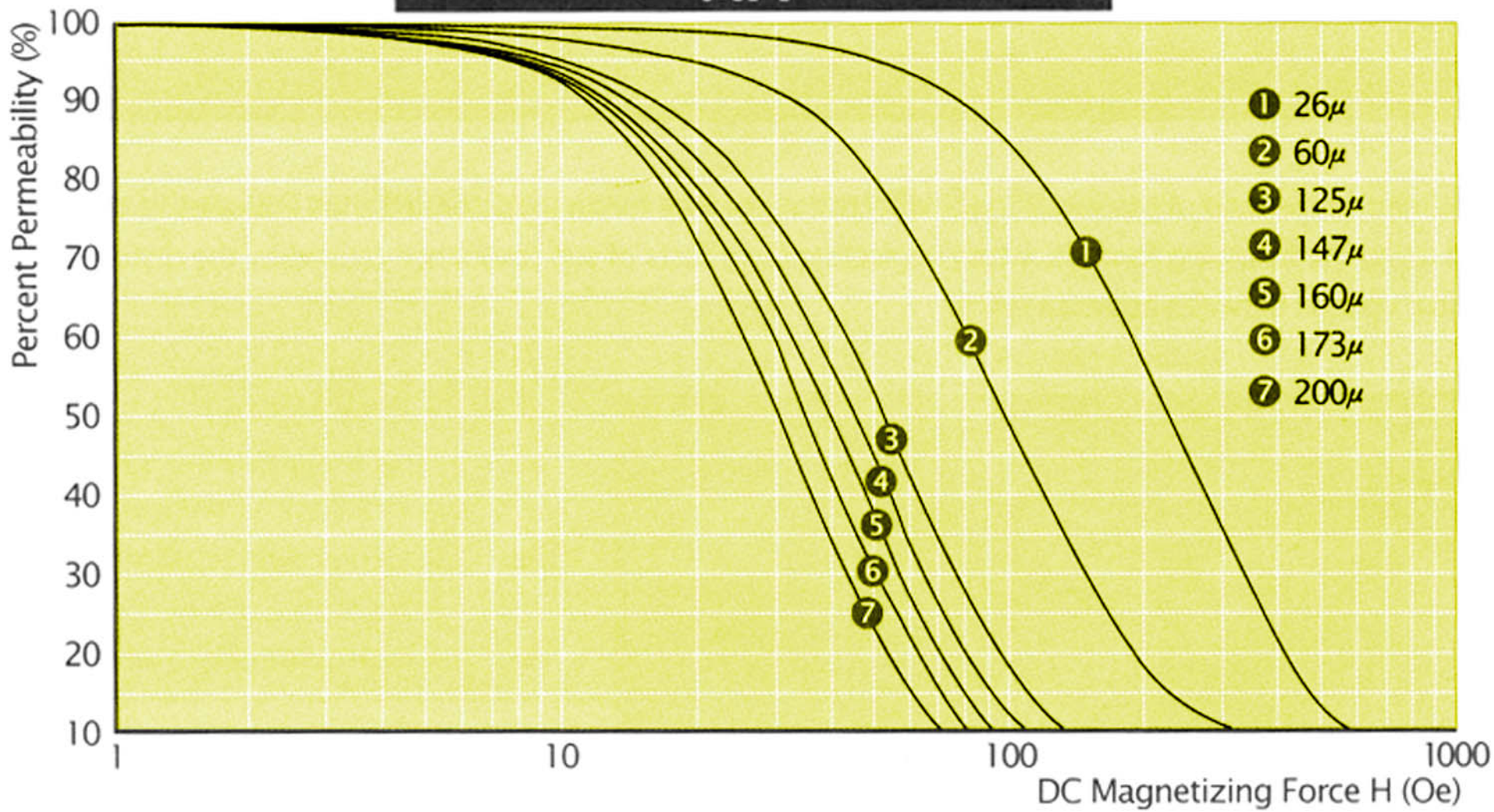
MH&W Powder Cores

MH&W Part Number			
Material	Shape / Size	Mag Inc.	Arnold
MH&W MPP Cores			
M125	T09/3/4E	55030	A-137052
M060	T11/5/5E	55041	A-307032
M125	T11/5/5E	55040	A-292066
M060	T14/7/6E	55051	A-051027
M125	T14/7/6E	55050	A-050056
M125	T17/10/7E	55120	A-281072
M060	T21/12/7E	55848	A-848032
M125	T21/12/7E	55206	A-206068
M060	T24/13/8E	55059	A-059043
M125	T24/13/8E	55310	A-310090
M060	T28/14/12E	55894	A-894075
M125	T28/14/12E	55930	A-930157
MH&W Sendust Cores			
S060	T11/5/5E	77041	MS-040060
S125	T11/5/5E	77040	MS-040125
S060	T14/7/6E	77051	MS-065060
S125	T14/7/6E	77050	MS-050125
S125	T17/10/7E	77120	MS-065125
S060	T21/12/7E	77848	MS-080060
S125	T21/12/7E	77206	MS-080125
S060	T24/13/8E	77059	MS-090060
S125	T24/13/8E	77310	MS-090125
S060	T28/14/12E	77894	MS-106060
S075	T28/14/12E	77935	MS-106075
S125	T28/14/12E	77930	MS-106125
S060	T41/23/15E	77083	MS-157060
S125	T41/23/15E	77254	MS-157125
S060	T48/23/19E	77439	MS-184060
MH&W High Flux Cores			
H125	T14/7/6E	58050	HF-050125
H125	T21/12/7E	58206	HF-080125
H125	T24/13/8E	58310	HF-090125
H125	T28/14/12E	58930	HF-106125

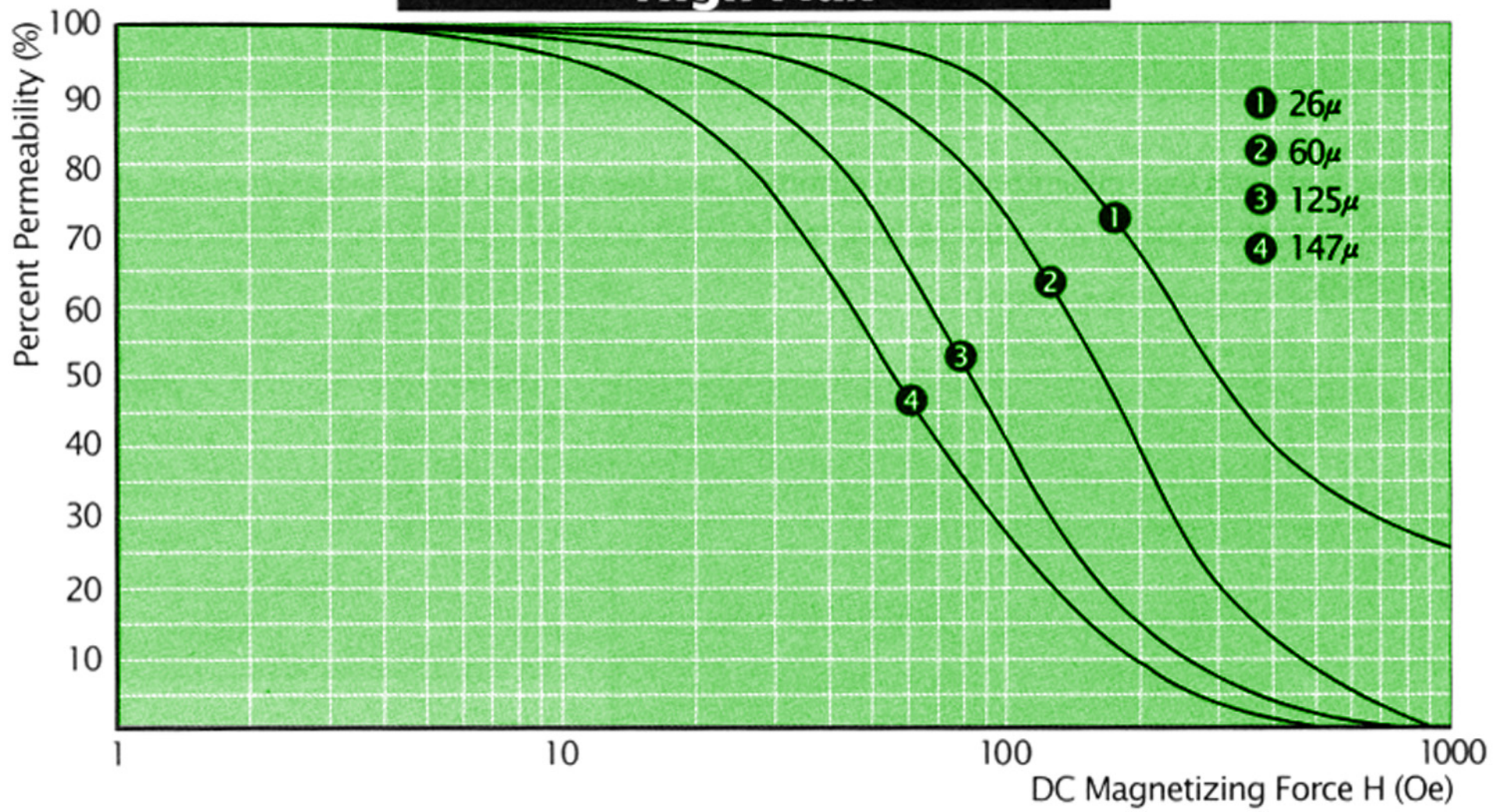
Powder Cores Available From Stock in Sample Quantities

Other sizes and permeabilities available

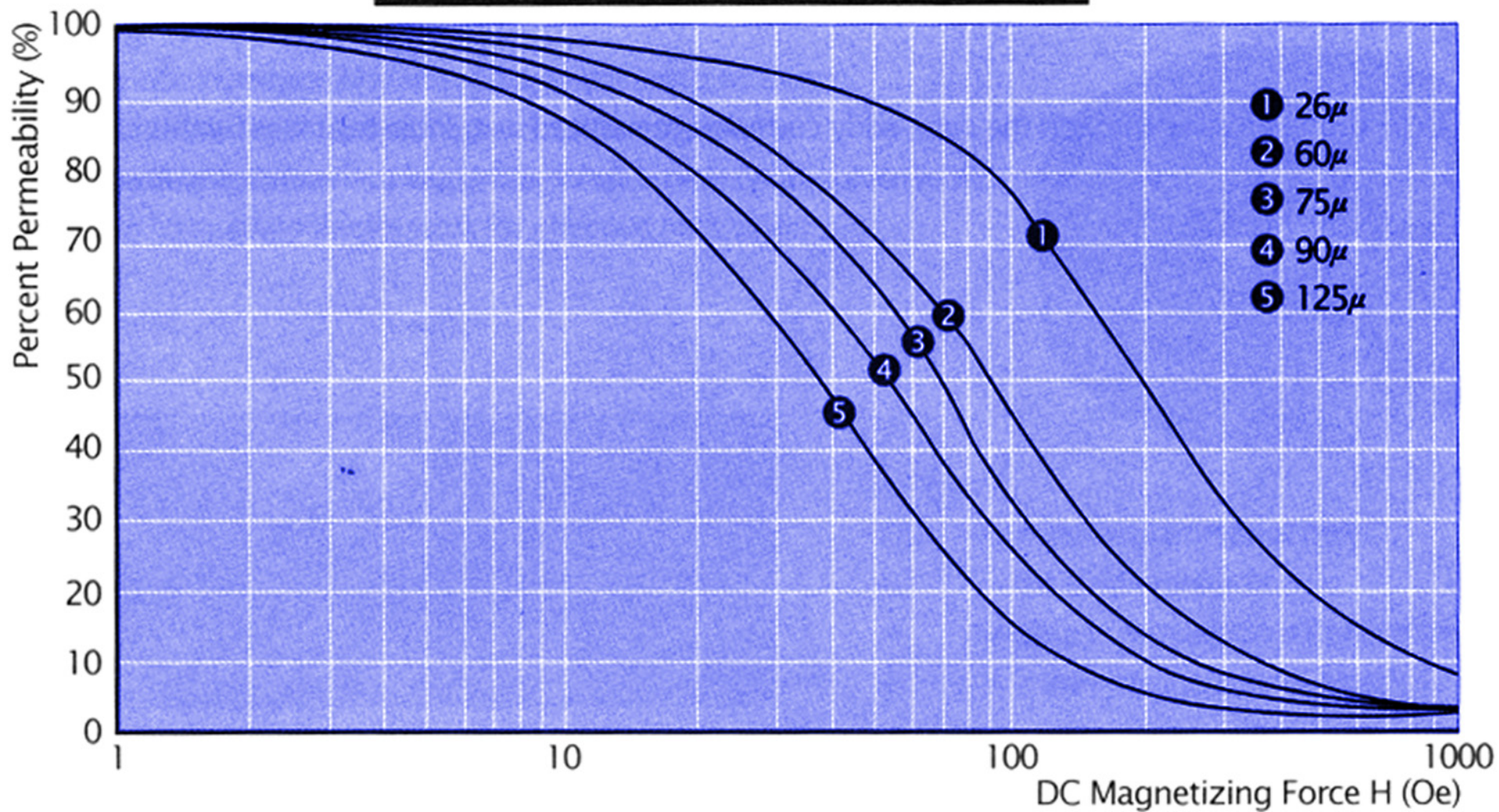
MPP

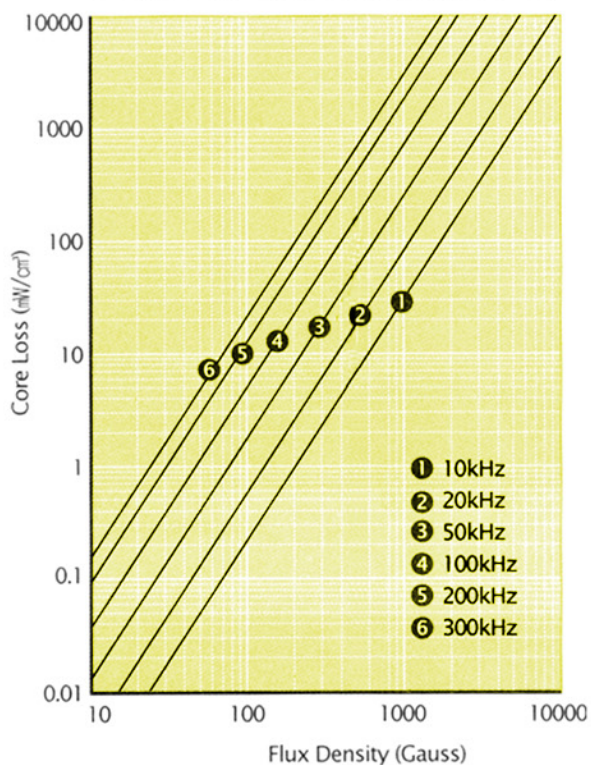
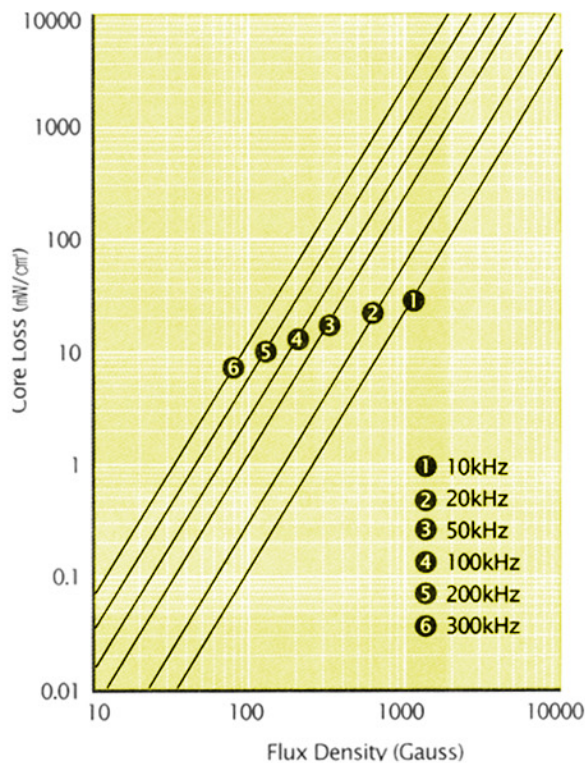
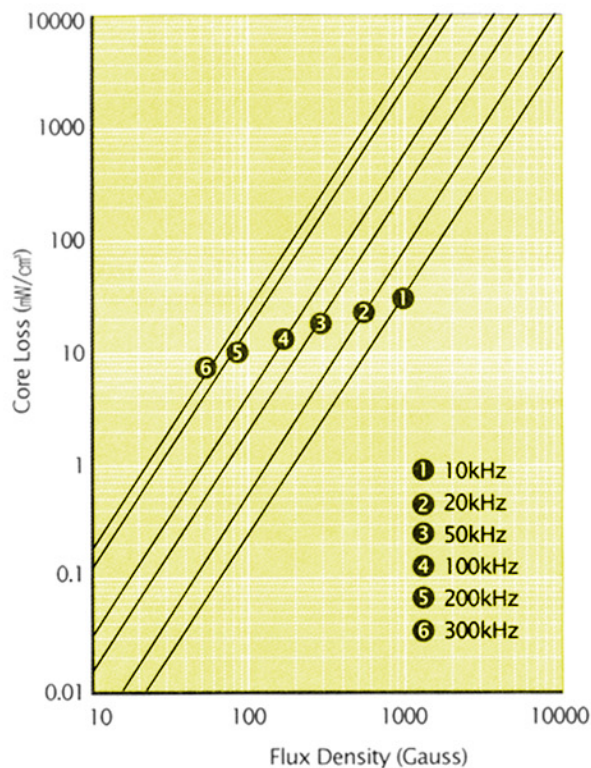
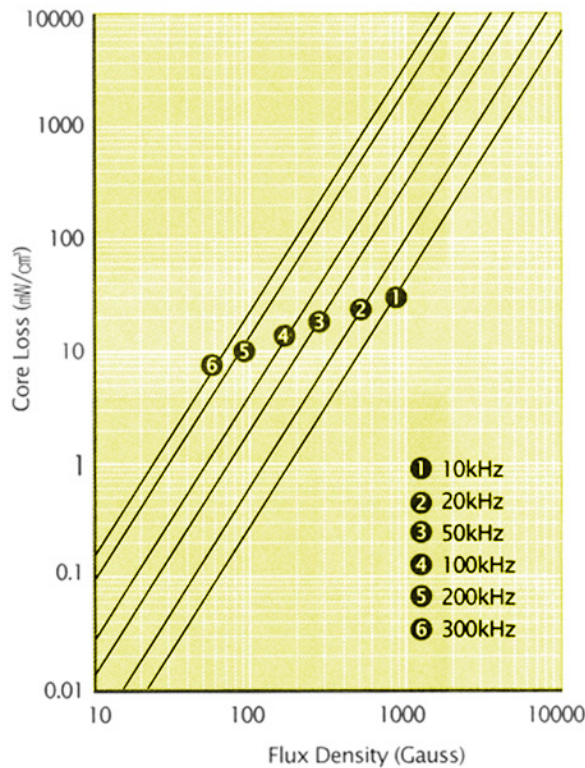


High Flux

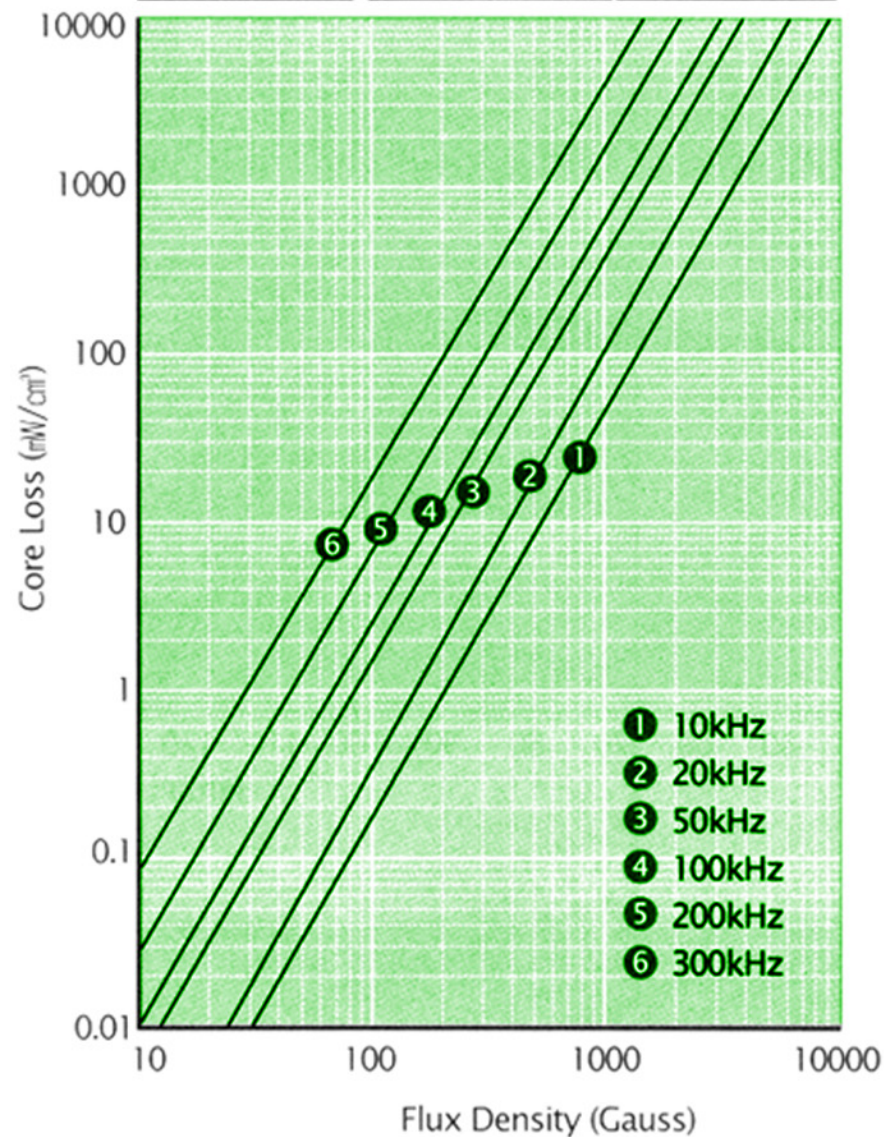


Sendust



MPP 26 μ **MPP 60 μ** **MPP 125 μ** **MPP147 μ 160 μ 173 μ** 

High Flux 60 μ



High Flux 125 μ

