

Type of Cores	Nanocrystalline Fe-based	Amorphous Fe-based	Fe-Si-Al	Fe-Si	H-Flux	MPP (Molypermalloy)
Composition	Fe-Cu-Nb-Si-B	Fe-Si-B	Fe <sub>85</sub> Si <sub>9</sub> Al <sub>6</sub>	Fe <sub>94</sub> Si <sub>6</sub>	Fe <sub>50</sub> Ni <sub>50</sub>	Ni <sub>81</sub> Fe <sub>17</sub> Mo <sub>2</sub>
Saturation Induction (Tesla)	1.2	1.5	1.05	1.5	1.5	0.75
Effective Permeability	26 - 125	26 - 125	26 - 147	26 - 125	14 - 160	14 - 350
Curie Temperature (°C)	550	400	600	750	500	400
Max. Usage Temperature (°C)	130 - 200	130 - 200	130 - 200	75 - 200	130 - 200	130 - 200
Temp. Stability of Permeability	★★	★	★	★	★★	★★★
Price	Medium	Medium	Low	Low	High	Very High