

**Non-Oriented Electrical Steel Semi-Processed (SP) ASTM A683**

Former AISI Type	ASTM Type	Core Loss by Thickness Watts/lb 15 Kilogausses 60HZ		Typical Electrical Resistivity Microhm-CM	Some Characteristics	Typical Applications
		Thick	Max w/lb			
M-43	47S170 64S220	.0185 .0250	1.70 2.00	45-55 45-55	Good core loss, good permeability at all inductions and low exciting current, good stamping properties.	Small generators, high-efficiency, continuous duty rotating A-C and D-C machines and transformers.
M-47	47S200 64S240	.0185 .0250	2.00 2.40	35-45 35-45	Good stamping properties. Good permeability at high flux densities.	Good stamping properties. Good permeability at high flux densities.