



## Mumetal Cores

### Material Characteristics

Base Material: Nickel Iron material

Ribbon Thickness: 60-300 $\mu$ m

Ribbon Density: 8.250-8.745 g/cm<sup>3</sup>

Curie Temperature: 400-410 $^{\circ}$ C

Continuous Service Temperature: 150 $^{\circ}$ C

Code	Material	Band Thickness (mm)	Permeability $\mu_4$	Permeability $\mu_{max}$	Saturation Induction (T)
1J85	72-83% Ni	0.05-0.2	60000-240000	150000-350000	0.6-0.8
1J55	54-68% Ni	0.05-0.2	40000-80000	100000-160000	1.2-1.5
1J50	45-50% Ni	0.1-0.2	10000-12000	90000	1.5-1.6

