



Vikarsh Nano Technology & Alloys Pvt. Ltd.

INDIA'S ONLY COMPANY MANUFACTURING NANO CRYSTALLINE RIBBON



Welding Rectifier Cores & Transformers

RAW MATERIAL SPECIFICATIONS :

Grade : Vikano Super 300 Nanocrystalline Ribbon
Material Thickness : 30 microns(± 2 micron)
Density: 7.25 kg/cm³
Curie Temperature : 560°C
Wattloss : 0.5 Tesla @ 20KHz \leq 30 Watts/kg
Remanence : 20KHz \leq 0.3Tesla

Advantages over Conventional Nanocrystalline Ribbon

1. Low remanence leads to very low inrush current
2. Very low watt losses @20KHz or higher frequency saves Huge electrical energy
3. Smaller equipment size & weight

STANDARD SIZES

SR . NO	CORE DIMENSION (mm)			CASE DIMENSION (mm)				LEGS
	CORE OD MM	CORE ID MM	CORE HT MM	CASE OD MM	CASE ID MM	CASE HT MM		
1	130	80	50	136	76	56		4
2	130	80	40	136	76	46		4
3	120	70	30	125	67	35		2
4	120	70	20	125	67	25		2
5	120	60	30	125	57	35		2
6	105	60	30	110	54	35		2
7	100	60	20	105	54	26		2
8	80	50	25	86	45	30		2
9	64	40	20	68	37	25		2



- Supplied with Leg Mounted Plastic canopies for standard sizes and steel canopies for non-standard sizes.
We can also supply ready-to-use Primary and Secondary Wound Rectifier Transformer assemblies (as per customer design)

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