



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/cm<sup>2</sup>  
 Curie Temperature : 560°C  
 Wattloss : 0.5 Tesla @ 20KHz < 30 Watts/kg  
 Remanence : 20KHz < 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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