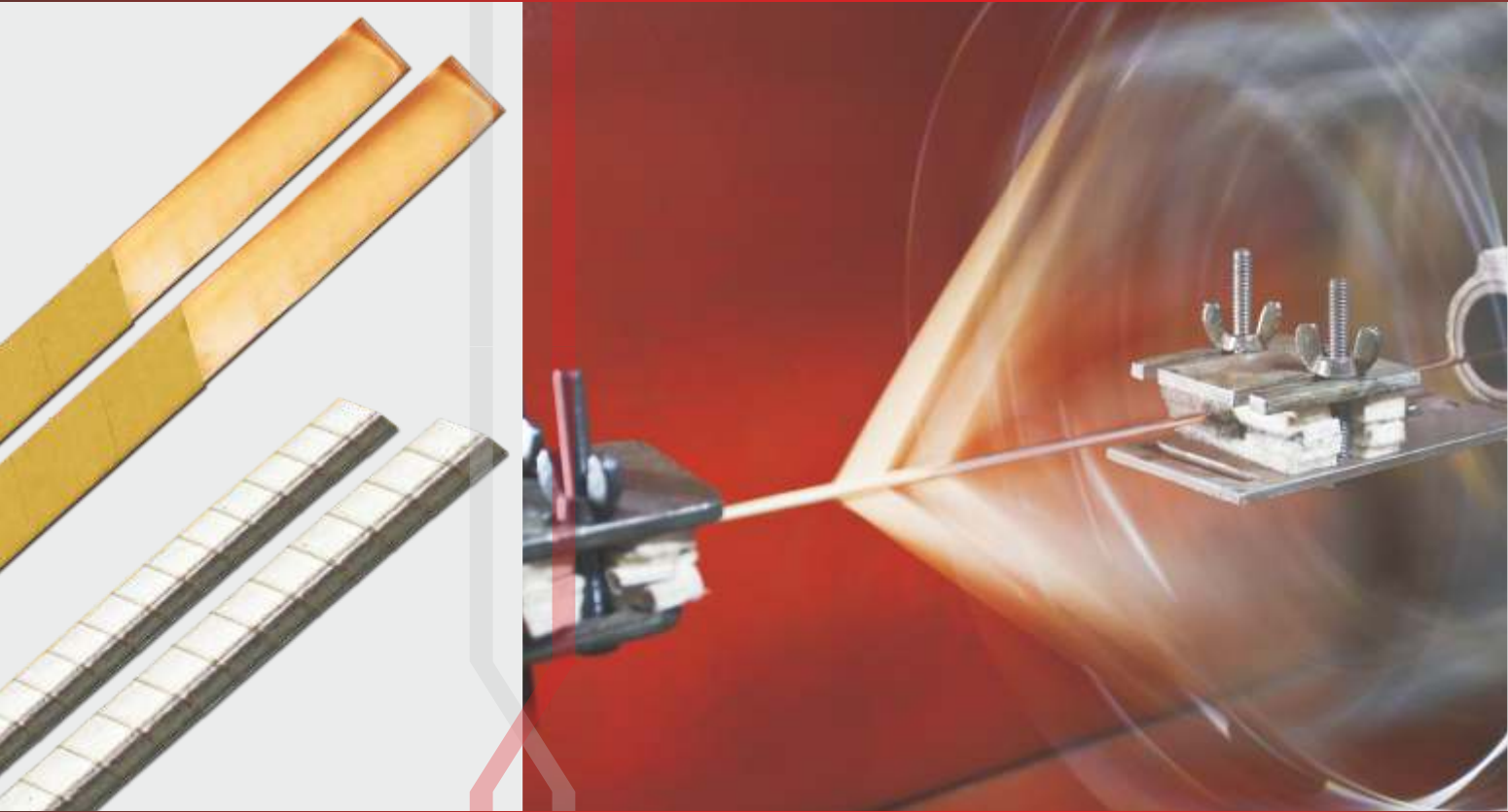




Wrapped Rectangular Copper Winding Wire

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Typical Applications

- ✕ Oil Filled Power & Distribution Transformers
- ✕ High Voltage Motors/Generators
- ✕ 765 Kv Transformers and Reactors
- ✕ 1200 Kv Transformers
- ✕ Traction Transformers
- ✕ Dry Type Transformers
- ✕ Resin Cast Transformers
- ✕ Wind Mill Generators

Wrapping Method

- X Butt Wound Wrapping
- X Conventional Overlapped Wrapping
- X Multiple layers (Upto 32 layers on a single line)
- X Interlocked wrapping
- X Combinations



Build Criteria

0.3 – 6 mm Diametrical
Subject to insulation & Covering options

Reference Specifications

IEC, DIN, IS, other relevant National/
International/Customized standards

Insulation Options

- X Polyester Tape
- X Thermokraft Paper, Standard Density
- X Thermokraft Paper, Thermally Upgraded Paper
- X Nomex®
- X Mica Tape
- X High Density Micro-crepe Paper

Size Range		
Specifications	Minimum	Maximum
Width	3 mm (0.118in)	25 mm (0.985 in)
Thickness	0.8 mm (0.0315 in)	8 mm (0.315 in)
Cross Sectional Area	3.2 mm ²	200 mm ²

Normal Cross Section Areas Of Preferred Sizes

		Thickness																				
		mm	0.80	0.90	1.00	1.12	1.25	1.40	1.50	1.60	1.80	2.00	2.24	2.50	2.80	3.15	3.55	4.00	4.50	5.00	5.60	
		in	0.032	0.035	0.039	0.044	0.049	0.055	0.059	0.063	0.071	0.079	0.088	0.099	0.110	0.124	0.140	0.158	0.177	0.197	0.221	
Width	mm	in																				
	2.00	0.08																				
	2.24	0.09																				
	2.50	0.10																				
	3.15	0.12																				
	3.55	0.14																				
	4.00	0.16																				
	4.50	0.18																				
	5.00	0.20																				
	5.60	0.22																				
	6.30	0.25																				
	7.10	0.28																				
	8.00	0.32																				
	9.00	0.35																				
	10.00	0.39																				
	11.20	0.44																				
	12.50	0.49																				
14.00	0.55																					
16.00	0.63																					
18.00	0.71																					
20.00	0.79																					
			R = Semicircular				R = 0.5 mm (0.0197 in)				R = 0.65 mm (0.0256 in)				R = 0.80 mm (0.0315 in)				R = 1.0 mm (0.0394 in)			

Packaging Details

Sr. No.	Flange Diameter D1 (mm)	Traverse Width B2 (mm)	Barrel Thickness D2 (mm)	Flange Thickness T (mm)	Overall Width B1 (mm)	Bore Diameter D3 (mm)	Capacity in Kgs
1	460 ± 5	230 ± 5	270 ± 5	20 ± 3	270	45 -0/+1	90
2	510 ± 5	250 ± 5	270 ± 5	22 ± 3	294	45 -0/+1	160
3	560 ± 5	250 ± 5	270 ± 5	22 ± 3	294	45 -0/+1	190
4	760 ± 5	330 ± 5	560 ± 5	30 ± 3	360	45 -0/+1	260

** Drum sizes shown are as per KSH standard. Other sizes as per requirement can be provided.

