

GUARANTEED TECHNICAL PARTICULARS for
DOUBLE PAPER COVERED ALUMINIUM STRIP

Name of Firm :

Standards : IS:6162 (Part-II) 1971 with latest amendments and other relevant IS

Sl. No.	Particulars	Minimum Guaranteed Value As Per IS and TS											
	Aluminum												
		1	2	3	4	5	6	7	8	9	10	11	
1	Nominal Size (mm)	6.70 x 4.00	6.90 x 3.00	7.00 x 3.80	7.75 x 2.75	8.00 x 3.30	8.10 x 3.10	9.20 x 4.60	9.25 x 3.95	10.00 x 4.15	10.50 x 4.50	12.30 x 4.80	
2	Tolerance on standard size	As per relevant IS											
3	Overall dimension of conductor (bare)	As per relevant IS											
4	Overall dimension of conductor (with covering)	As per relevant IS											
5	Increase in dimension of conductor due to covering	As per relevant IS											
6	Maximum Resistivity of Aluminum at 20°C	0.0280 ohm mm ² /m											
7	Tensile Strength of Aluminum	As per relevant IS											
8	Elongation of Aluminum (min)	As per relevant IS											
9	Density of Aluminum at 20°C	2.703 gm/cm ³											
10	Checking of conductors declared weight.	As per relevant -TS											
11	Paper												
	i) Overlap wound (min)	25% of width											
	ii) Thickness of paper	0.025mm to 0.13 mm											
12	Packing in drum (Max. Gross weight per drum)	70 Kg. (approx)											

Note :

1. The result shall cover all aspects of technical specification and relevant IS.
2. The conductor should remain at least half inch below the outer periphery of drum /reels so that the material is not damaged.