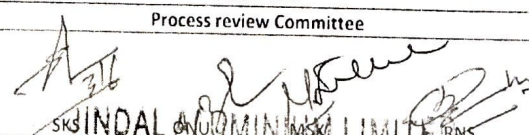


TECHNICAL DATA SHEET

TDS No		Date : 02/08/2021
1	NAME OF CUSTOMER :	STERLITE POWER TRANSMISSION LIMITED
2	PRODUCT	ALUMINIUM COIL
3	END APPLICATION	CABLE TAPE
4	PRODUCT SPECIFICATIONS	2.42 mm x 284 mm, 1.68 mm x 318 mm, 2.32 mm x 260 mm, 2.00 mm x 241 mm Thickness range: 1.6-2.82 mm, Width Range: 240-410 mm
5	ALLOY	AA1060
6	TEMPER	O
7	DIMENSIONS & TOLERANCE	
a)	THICKNESS TOLERANCE(mm)	1.68 mm [Tol: +/- 0.05 mm], 2 mm [Tol: -0 / + 0.1 mm] 2.32 mm [Tol: +/- 0.05 mm], 2.42 mm [Tol: -0.02 / +0.08 mm] ✓ (2.30 - 0 / + 0.1 mm) Thickness tolerances: [From 1 to 1.5 mm: +/- 0.03mm Above 1.5 to 3 mm: +/- 0.05mm] (Unless it is specified) ✓
b)	WIDTH TOLERANCE(mm)	+/- 1 mm (Width Range: 240-410 mm)
c)	LENGTH (m)	As per PO
8	COIL DIAMETER	-
a)	Internal Diameter of coil (mm)	508
b)	Type of core	No Core
c)	Maximum Outer Diameter of coil (mm)	As per coil Weight
9 a)	Coil Weight (Min/Max)	As per PO
b)	Coil Build up	Uniform. Not telescopic more than 2 mm
10	Edge Burr (%)	Maximum 3%
11	TENSILE STRENGTH (MPa)	55 - 95 Mpa (Target to achieve: 60-80 Mpa)
12	Elongation %	Minimum 40% (Thk range: 1.6 to 2.82 mm)
13	Electrical Conductivity(% of IACS at 20°C)	Minimum 61.5
14	Anodizing	No
15	Powder coating	No
16	Bending	90° Pass
17	Chemical Composition	As per IS 737:2008 Al - 99.6 (Min), Si - 0.25, Fe - 0.35, Cu - 0.05, Mn - 0.03, Zn - 0.06, Mg - 0.03, Ti - 0.03
18	Surface Finish	Smooth and free from laps, cuts, splits, cracks, twists, seams, and other injurious defects. Mill finish.
19	Edges	Trimmed/Right angle edge
20	PACKING REQUIREMENTS	PALLET + HDPE PACKING
	For	ACCEPTED Process review Committee
	Name & Designation of Customer Rep.	 SKS INDAL & COMPANY LIMITED (Rolling Mill Division) K.I.A.D.B. Industrial Area Yedahalli Village, Tumkur Road Dabbaspet, Bengaluru-562 111 Ph: 080-27735051-27735003

OK
SPTL
(Plaus)
(Army)
Detail of
Thickness toler-
ance OK,
2.32 to be Rev
-sed as 2.30mm