

SHRIJAY FOILS LIMITED

E-Mail ID: shrijayfoils@gmail.com

Material Technical Data Sheet

Product Category		30 Micron Bare Aluminium Foil		
S. No.	Parameters	Unit	Standards Value	Standard Ref.
1	Alloy / Temper	-	AA 8011 / O Temper	As per EN573-3
2	Width	mm	Standard (± 1.0 mm)	Internal Standard
3	Density	g/cm ³	2.71	As per EN
4	Foil Thickness	mm	+ / - 5 %	As per EN546-3
5	Foil GSM	Gms/Sq. mtr.	+ / - 5 %	As per EN546-3
6	UTS	Mpa	55 – 115	As per EN 546-2
7	Elongation	%	3 (Minimum)	As per EN 546-2
8	Bursting strength	Kg/cm ²	2.3 (Minimum)	Internal Standard
9	Pinhole count	Nos/Sq. mtr.	Nil	Internal Standard
10	Wettability	Dyne/cm	72 (A Grade)	As per EN 546-4
11	Free fall	Mtr.	2 Mtr. (Maximum)	As per EN 546
12	Core ID	mm	152.4 (+/- 0.5 mm)	Internal Standard
13	Core thickness	mm	4 mm Steel Core	Internal Standard
14	Core length	mm	Standard based on customer specs (0, +3 Flush)	Internal Standard
15	Winding	The aluminium foil wind in such way as to prevent the core from sliding outwards. The winding tension will be constant along the width so that it will not affect the use of the material and during unwinding will not be flagging effect.		
16	Winding uniformity	-	± 0.5 mm edge wandering (Max)	Internal Standard
17	Type of Core	-	Steel Core	-
18	Winding Direction	-	BSO/DSO (As per customer requirement)	Customer Base
19	Joints	Shall be made of smooth ultrasonic welding throughout the web width Overlapping ≤ 10 mm.		
20	No. of Joints	Nos	70 % Joint Less, 20 % One Joint, 10% Two joint	Internal Standard
21	Reel weight or OD of reel	-	OD to be 650 MM Max.	Internal Standard

Head Office: ERGO TOWER, Plot-A1-4 Block EP & GP, 804, Street Number 23, GP Block, Sector V, Bidhannagar, Kolkata, West Bengal 700091. **GST No: 19ABKCS7370K1ZL**

Factory Address: Khata No. 389/850 Plot No. 7 & 249 Mundaamba, Khordha, Odisha, 752020. **GST No: 21ABKCS7370K1Z0**

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S. No.	Parameters	Unit	Standards Value	Standard Ref.
20	Packing	Packing Mode	Plywood Box Packing (Eye to wall)	Internal Standard
21		No. of reels	Single, hanging condition wooden box	Internal Standard
22		Identification	Labelled with gross weight, net weight, Batch no, alloy, thickness, width etc	Internal Standard
23	End Uses	Used for Pharma Application.		

Chemical Composition (EN573-3)

Alloy (8011)	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	other	
										Each	total
Limits	0.4-0.8	0.5-1	0.1 Max.	0.1 Max.	0.1 Max.	0.1 Max.	0.1 Max.	0.05 Max	Remainder	0.05	0.15

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