

ESS DEE Rx IGNITE

Technical Data Sheet

S.N.	Parameter	Method	Unit	FOIL + HSL COATING	FOIL + HSL COATING
1	Temper	----	----	Hard (H18)	Hard (H18)
2	Alloy	----	----	AA 8011	AA 8011
3	Toxicity	USP	----	Non - Toxic	Non - Toxic
4	Thickness of Aluminium Foil	EN-546-3	Micron	20 ± 8%	25 ± 8%
5	Aluminium Weight	Industry Standard	Gms/sq. mtr.	54.20 (± 8%) 49.86 - 58.54	67.75 (± 8%) 62.33 - 73.17
6	Type of Coating	----	----	HSL (Heat Seal Lacquer)	HSL (Heat Seal Lacquer)
7	Average coating Weight	Industry Standard	Gms/sq. mtr.	4 to 6 / 6 to 8	4 to 6 / 6 to 8
8	Total Weight of plain foil	Industry Standard	Gms/sq. mtr.	4 - 6 (53.86 - 64.54)	4 - 6 (66.33 - 79.17)
				6 - 8 (55.86 - 66.54)	6 - 8 (68.33 - 81.17)
9	Ink coating weight	Industry Standard	Gms/sq. mtr.	2 - 3 / As per Design	2 - 3 / As per Design
10	Over coating weight	Industry Standard	Gms/sq. mtr.	1.0 - 1.5	1.0 - 1.5
11	Total Weight of printed foil	Industry Standard	Gms/sq. mtr.	4 - 6 (56.86 - 69.04)	4 - 6 (69.33 - 83.67)
				6 - 8 (58.86 - 71.04)	6 - 8 (71.33 - 85.67)
12	Sealing Surface	----	----	HSL coated side of foil	HSL coated side of foil
13	Sealing Strength	Industry Standard	Gms/15mm (min)	500	500
14	Pinholes	EN-546-4	No./meter ²	05 Max.	Nil

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15	Foil Finish	----	----	Matt / Bright	Matt / Bright
16	Colour shade	Industry Standard	ΔE /Visual	As per standard	As per standard
17	Text & Design	----	----	As per design / artwork.	As per design / artwork.
18	Repeat Length	Industry Standard	mm	As Per The Artwork	As Per The Artwork
19	Ink Adhesion test	EDAL/ATM/08	----	As per acceptance test method	As per acceptance test method
20	Odour test	EDAL/ATM/11	----	As per acceptance test method	As per acceptance test method
21	Fume absence test at 200°C	Industry Standard	----	Complies to specification	Complies to specification
22	Leak test after blister formation	Industry Standard	----	No. leakage	No. leakage
23	Joints Per Reel	----	----	As Per Customer Specification	As Per Customer Specification
24	Type of Tape & colour used for Joint	----	----	Paper Tape / BOPP Tape (Colour as per requirement)	Paper Tape / BOPP Tape (Colour as per requirement)
25	Core Type	----	----	As per requirement	As per requirement
26	Core ID	----	mm	76mm \pm 0.5mm	76mm \pm 0.5mm
27	Width Tolerance	----	mm	\pm 0.5mm	\pm 0.5mm
28	OD / Length Of Reel	----	mm/mtrs	As per works order	As per works order
29	Type of packing	----	----	Corrugated cartons / Wooden case / Pallets	Corrugated cartons / Wooden case / Pallets
30	Printed Designs	----	----	Customer to specify unwinding direction and supply artwork/design of printed designs with colour scheme.	

- Storage and handling instructions are important to achieve best result in ambient room temperature. Avoid direct sunlight.
- Above-mentioned specifications are standard specifications. We also offer tailor made specifications as per customer's requirement i.e. different combinations of foil (thickness) and heat seal lacquer (GSM)