

ESS DEE Rx INVASIVE

Technical Data Sheet

S.N.	Parameter	Method	Unit	FOIL + POLY	FOIL + POLY	FOIL + POLY
1	Temper	----	----	Soft	Soft	Soft
2	Foil alloy	----	----	AA 8011	AA 8011	AA 8011
3	Toxicity	USP	----	Non - Toxic	Non - Toxic	Non - Toxic
4	Thickness of Aluminium Foil	EN-546-3	Micron	25 ± 8%	30 ± 8%	40 ± 8%
5	Aluminium Weight	Industry Standard	Gms/sq. mtr.	67.75 (± 8%) 62.33 - 73.17	81.3 (± 8%) 74.79 - 87.80	108.4 (± 8%) 99.73 - 117.07
6	Poly Weight (Surlyn)	Industry Standard	Gms/sq. mtr.	35.25 (± 10%) 31.73 - 38.78	35.25 (± 10%) 31.73 - 38.78	35.25 (± 10%) 31.73 - 38.78
7	Total Weight for plain foil	Industry Standard	Gms/sq. mtr.	103.0 (94.06 - 111.95)	116.55 (106.52 - 126.58)	143.65 (131.46 - 155.85)
8	Bursting Strength	Industry Standard	Kg/ sq. cm.	1.9 (Min)	2.3 (Min)	3.0 (Min)
9	Ink coating weight	Industry Standard	Gms/sq. mtr.	2 - 3 / As Per design	2 - 3 / As Per design	2 - 3 / As Per design
10	Over coating weight	Industry Standard	Gms/sq. mtr.	1 - 1.5	1 - 1.5	1 - 1.5
11	Total Weight for printed foil	Industry Standard	Gms/sq. mtr.	106.75 (97.06 - 116.45)	120.3 (109.52 - 131.08)	147.40 (134.46 - 160.35)
12	Bond Strength	Industry Standard	Gms/15mm (min)	200	200	200
13	Sealing Strength (Surlyn to Surlyn)	Industry Standard	Gms/15mm (min)	800	800	800
14	Heat Resistance Test (at 230°C)	Industry Standard	----	Complies to specification	Complies to specification	Complies to specification
15	Pinholes	EN-546-4	No./meter ²	0	0	0
16	Foil Finish	----	----	Matt / Bright	Matt / Bright	Matt / Bright
17	Colour shade	Industry Standard	ΔE/Visual	As per standard	As per standard	As per standard

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18	Text & Design	----	----	As per design / artwork.	As per design / artwork.	As per design / artwork.
19	Repeat Length	Industry Standard	mm	As Per The Artwork	As Per The Artwork	As Per The Artwork
20	Ink Adhesion test	EDAL/ATM/08	----	As per acceptance test method	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	Complies to specification
22	Leak test after Strip formation	Industry Standard	----	No. leakage	No. leakage	No. leakage
23	Scuff test	Industry Standard	50 Rubs at 2 Psi	Passes	Passes	Passes
24	Joints Per Reel	----	----	As Per Customer Specification	As Per Customer Specification	As Per Customer Specification
25	Type of Tape & colour used for Joint	----	----	Paper Tape / BOPP Tape (Colour as per requirement)	Paper Tape / BOPP Tape (Colour as per requirement)	Paper Tape / BOPP Tape (Colour as per requirement)
26	Core Type	----	----	As per requirement	As per requirement	As per requirement
27	Core ID	----	mm	76mm ± 0.5mm	76mm ± 0.5mm	76mm ± 0.5mm
28	Width Tolerance	----	mm	± 0.5mm	± 0.5mm	± 0.5mm
29	OD / Length Of Reel	----	mm/mtrs	As per work order	As per work order	As per work order
30	Type of packing	----	----	Corrugated cartons / wooden case / Pallets	Corrugated cartons / wooden case / Pallets	Corrugated cartons / wooden case / Pallets
31	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).