

ESS DEE Rx THERAPY

Technical Data Sheet

S.N.	Parameter	Method	Unit	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + ADHESIVE + FOIL + POLY
1	Temper	----	----	Soft	Soft	Soft
2	Toxicity	USP		Non - Toxic	Non - Toxic	Non - Toxic
3	Thickness of Film	Industry Standard	Micron	12 (Polyester)	12 (Polyester)	12 (Polyester)
4	Film grammage	Industry Standard	Gms/sq. mtr.	16.8 (16.13 - 17.47)	16.8 (16.13 - 17.47)	16.8 (16.13 - 17.47)
5	Adhesive Weight	Industry Standard	Gms/sq. mtr.	3.5 3.00 - 4.00	3.5 3.00 - 4.00	3.5 3.00 - 4.00
6	Thickness of Aluminium Foil	EN-546-3	Micron	9 ± 8%	9 ± 8%	12 ± 8%
7	Aluminium Foil Weight	Industry Standard	Gms/sq. mtr.	24.3(± 8%) 22.35 - 26.24	24.3(± 8%) 22.35 - 26.24	32.52(± 8%) 29.92 - 35.12
8	Adhesive Weight	Industry Standard	Gms/sq. mtr.	2.5 2.00 - 3.00	2.5 2.00 - 3.00	2.5 2.00 - 3.00
9	Thickness of Poly	Industry Standard	Micron.	50(± 10%)	63(± 10%)	60(± 10%)
10	Poly Weight	Industry Standard	Gms/sq. mtr.	46.00 (41.40 - 50.60)	57.96 (52.16 - 63.75)	55.2 (49.68 - 60.72)
11	Ink coating weight	Industry Standard	Gms/sq. mtr.	1.75 1.50 - 2.00/ As Per Design	1.75 1.50 - 2.00/ As Per Design	1.75 1.50 - 2.00/ As Per Design
12	Total Weight of printed foil	Industry Standard	Gms/sq. mtr.	94.85 (87.26 - 102.43)	106.81 97.14 - 115	112.27 (103.28 - 121.25)
13	Bond Strength (Poly to Foil)	Industry Standard	Gms/15mm (min)	350	350	350

S.N.	Parameter	Method	Unit	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + ADHESIVE + FOIL + POLY
14	Sealing Strength (Poly to Poly)	Industry Standard	Gms/15mm (min)	650	650	650
15	Foil Finish			Matt / Bright	Matt / Bright	Matt / Bright
16	Colour shade	Industry Standard	ΔE /Visual	As per standard	As per standard	As per standard
17	Text & Design	----	----	As per design / artwork.	As per design / artwork.	As per design / artwork.
18	Repeat Length	Industry Standard	mm	As Per The Artwork	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	As per acceptance test method
20	Odour test	EDAL/ATM/11	----	As per acceptance test method	As per acceptance test method	As per acceptance test method
21	Joints Per Reel	----	----	As Per Customer Specification	As Per Customer Specification	As Per Customer Specification
22	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)
23	Core Type	----	----	As per requirement	As per requirement	As per requirement
24	Core ID	----	mm	76mm \pm 0.5mm	76mm \pm 0.5mm	76mm \pm 0.5mm

S.N.	Parameter	Method	Unit	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + ADHESIVE + FOIL + POLY
25	Width Tolerance	----	mm	± 0.5mm	± 0.5mm	± 0.5mm
26	OD / Length Of Reel	----	mm/mtrs	As per works order	As per works order	As per works order
27	Type of packing	----	----	Corrugated cartons / wooden case / Pallets	Corrugated cartons / wooden case / Pallets	Corrugated cartons / wooden case / Pallets
28	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).

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S.N.	Parameter	Method	Unit	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + POLY + FOIL + POLY	PRINTED PAPER + POLY + FOIL + POLY
1	Temper	----	----	Soft	Soft	Soft
2	Toxicity	USP		Non - Toxic	Non - Toxic	Non - Toxic
3	Thickness of Film	Industry Standard	Micron	12 (Polyester)	12 (Polyester)	41 (Paper)
4	Film grammage	Industry Standard	Gms/sq. mtr.	16.8 (16.13 - 17.47)	16.8 (16.13 - 17.47)	41(± 5%) (38.95 - 43.05)
5	Thickness of Poly	Industry Standard	Micron.		18(± 10%)	17.5(± 10%)
6	Poly Weight	Industry Standard	Gms/sq. mtr.		16.56 (14.90 - 18.21)	16.10 (14.49 - 17.71)
7	Adhesive Weight	Industry Standard	Gms/sq. mtr.	3.5 3.00 - 4.00		3.5 3.00 - 4.00
8	Thickness of Aluminium Foil	EN-546-3	Micron	9 ± 8%	9 ± 8%	9 ± 8%
9	Aluminium Foil Weight	Industry Standard	Gms/sq. mtr.	24.3(± 8%) 22.35 - 26.24	24.3(± 8%) 22.35 - 26.24	24.3(± 8%) 22.35 - 26.24
10	Adhesive Weight	Industry Standard	Gms/sq. mtr.	2.5 2.00 - 3.00		
11	Thickness of Poly	Industry Standard	Micron.	65(± 10%)	45(± 10%)	34.5(± 10%)
12	Poly Weight	Industry Standard	Gms/sq. mtr.	59.8 (53.82 - 65.78)	41.4 (37.26 - 45.54)	31.74 (28.56 - 34.91)
13	Ink coating weight	Industry Standard	Gms/sq. mtr.	1.75 1.50 - 2.00/ As Per Design	1.75 1.50 - 2.00/ As Per Design	1.75 1.50 - 2.00/ As Per Design

S.N.	Parameter	Method	Unit	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + POLY + FOIL + POLY	PRINTED PAPER + POLY + FOIL + POLY
14	Total Weight of printed foil	Industry Standard	Gms/sq. mtr.	108.65 (98.80 – 118.49)	100.81 92.14 – 109.46	118.39 (108.85 – 127.91)
15	Bond Strength (Poly to Foil)	Industry Standard	Gms/15mm (min)	350	350	350
16	Sealing Strength (Poly to Poly)	Industry Standard	Gms/15mm (min)	650	650	650
17	Foil Finish			Matt / Bright	Matt / Bright	Matt / Bright
18	Colour shade	Industry Standard	ΔE /Visual	As per standard	As per standard	As per standard
19	Text & Design	----	----	As per design / artwork.	As per design / artwork.	As per design / artwork.
20	Repeat Length	Industry Standard	mm	As Per The Artwork	As Per The Artwork	As Per The Artwork
21	Ink Adhesion test	EDAL/ATM/08	----	As per acceptance test method	As per acceptance test method	As per acceptance test method
22	Odour test	EDAL/ATM/11	----	As per acceptance test method	As per acceptance test method	As per acceptance test method
23	Joints Per Reel	----	----	As Per Customer Specification	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)	Paper Tape / BOPP Tape (Colour as per requirement)
25	Core Type	----	----	As per requirement	As per requirement	As per requirement
26	Core ID	----	mm	76mm \pm 0.5mm	76mm \pm 0.5mm	76mm \pm 0.5mm
27	Width Tolerance	----	mm	\pm 0.5mm	\pm 0.5mm	\pm 0.5mm

S.N.	Parameter	Method	Unit	PRINTED PET + ADHESIVE + FOIL + POLY	PRINTED PET + POLY + FOIL + POLY	PRINTED PAPER + POLY + FOIL + POLY
28	OD / Length Of Reel	----	mm/mtrs	As per works order	As per works order	As per works order
29	Type of packing	----	----	Corrugated cartons / wooden case / Pallets	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		

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