



H2ODP0061140SC

Item #: S8210460

WATER DISSOLVABLE PAPER/611 WATER DISSOLVE ADH/40 SC LINER

Approximate weight per MMSI: 204 lbs. Standard core size is 3 inches. Total caliper: 6.05 mils +/- 10%

FACESTOCK

H2ODP is a highly water-soluble paper. Coated with the dissolvable adhesive, 611, this label disappears in seconds under running water. Leaves no residue on the container. Can be printed with water and solvent-based inks. Must be kept wrapped until used.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	40.5	grams/sq meter	60	TAPPI T410
Caliper - Average	mil	2.95	um (micrometer)	74.9	TAPPI T411
Opacity	%	65	%	65.0	TAPPI T425
Tear-MD	grams	23.5	mN	230	TAPPI T414
Tensile-MD	lb/inch	22	kN/m	3.9	TAPPI T494

Notes

Shelf Life 6 months from purchase date when stored in polyethylene wrap at 70F (21C)and 50% RH. Dissolvable paper is very sensitive to relative humidity and temperature. Exposure to environmental conditions other than recommended will accelerate facestock shrinkage and reduced adhesion.

ADHESIVE

A water dissolvable adhesive. It adheres to, and washes away from, many substrates including most plastics, stainless steel and glass. Combined with the dissolvable facer, H2ODP, the label disappears in 30 seconds. Can be used with other face stocks.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.7	um(micrometer)	17.3	
Shear (1 x 1/2 x 1 kg)	hours	0.1	hours	.1	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.59	grams/25 mm	709.9	CPD-52
Loop Tack Stain Steel	oz/sq inch	8.2	kg/645 sq mm	.2	CPD-16
Min. App. Temp.	F	21	C	-6	
Service Temp.	F	-40 TO 172	C	-40 TO 78	
FDA Compliance	21 CFR	175.105			

LINER

A white densified kraft sheet 41# (67 g/m²) with excellent point-to-point caliper control.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500	40.6	grams/sq meter	66.2	TAPPI T410
Caliper - Average	mil	2.4	um (micrometer)	61.0	TAPPI T411
Opacity	%	60	%	60.0	TAPPI T425
Tear-MD	grams	34	mN	333.4	TAPPI T414
Tear-CD	grams	39	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40	kN/m	7.0	TAPPI T494
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494
Brightness	%	76	%		TAPPI T452

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