



**H2ODP0061140SC**

**Item #: S8210460**

WATER DISSOLVABLE PAPER/WATER DISSOLVABLE ADH/40 SC LINER

Approximate weight per MMSI: 206 lbs. Standard core size is 3 inches. Total caliper: 6.05 mils +/- 10%

**FACESTOCK**

H2ODP is a water-soluble paper. Coated with the dissolvable adhesive, 611, this label disappears in seconds under running water. Leaves no residue on the container. Best dissolvable performance when printed with water-based inks. Keep 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/m<sup>2</sup>) with excellent point-to-point caliper control.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500	41	grams/sq meter	66.8	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

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