



**D23WP0010240SC**

**Item #: S8188460**

2.3 MIL WHI INDIGO BOPP/102 PERMANENT ADHESIVE/40 SC LINER  
Approximate weight per MMSI: 205 lbs. Standard core size is 3 inches. Total caliper: 5.42 mils +/- 10%

**FACESTOCK**

A 2.3 mil glossy white BOPP optimized for use with HP Indigo presses. It has been certified by RIT for use on the ws4500 and ws6000 presses. High stiffness for automatic dispensing. Great choice for prime labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.32	um (micrometers)	58.9	ASTM D374
Gloss	% @ 45 degrees	50	%	50.0	ASTM D2457
Opacity	%	80	%	80.0	TAPPI T425
Tensile Film - MD	lb/sq inch	22500	kg/sq cm	1581.8	ASTM D882
Tensile Film - TD	lb/sq inch	21,000	kg/sq cm	1476.3	ASTM D882
Elongation at Break - MD	%	90	%	90.0	ASTM D882
Elongation at Break - TD	%	100	%	100.0	ASTM D882
Dim. Stability - MD	% 60 sec @ 266 F	3.0	% 60 sec @ 130 C	3.0	ASTM D1204
Elastic Modulus - MD	lb/sq inch	348000	kg/sq cm	24464.4	ASTM D882
Area Yield	sq in/lb	12,250	sq m/kg	17.5	ASTM E252

**ADHESIVE**

A clear, water-resistant acrylic emulsion film adhesive, with high peel and tack, which adheres to a wide variety of surfaces, is blush resistant, and offers good wet-out.

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	5.9	hours	5.9	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.8	grams/25 mm	803.6	CPD-52
Loop Tack Stain Steel	oz/sq inch	38	kg/645 sq mm	1.1	CPD-16
Min. App. Temp.	F	40	C	4	
Service Temp.	F	-40 TO 160	C	-40 TO 71	
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
Gloss	% @ 75 degrees	57	% @ 75 degrees	57.0	TAPPI T480
Opacity	%	60	%	60.0	TAPPI T425
Tear-MD	grams	35	mN	343.2	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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