



23SWB0010240SC

Item #: S8982960

2.3 MIL TC WHITE BOPP/102 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 204 lbs. Standard core size is 3 inches. Total caliper: 5.4 mils +/- 10%

FACESTOCK

A 2.3 mil solid white top-coated BOPP. Backside coated to aid in adhesive anchorage. Compatible with UV and water-based flexo ink systems, and hot stamping. Good stiffness for automatic application. An excellent choice for prime labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.300	um (micrometers)	58.4	ASTM D374
Gloss - Films	% @ 45 degress	50	% @ 45 degrees	50.0	ASTM D2457
Opacity - Films	%	90	%	90.0	ASTM D589
Tensile Film - MD	lb/sq inch	15,000	kg/sq cm	1054.5	ASTM D882
Tensile Film - TD	lb/sq inch	36,000	kg/sq cm	2530.8	ASTM D882
Stiffness-MD	Gurley (mg)	16	mN	.2	TAPPI T543
Stiffness-CD	Gurley (mg)	32	mN	.3	TAPPI T543
Elongation at Break - MD	%	172	%	172.0	ASTM D882
Elongation at Break - TD	%	52	%	52.0	ASTM D882
Dim. Stability - MD	% @ 275 F	-4.0	% @ 135 C	-4.0	ASTM D1204
Dim. Stability - TD	% @ 275 F	-3.0	% @ 135 C	-3.0	ASTM D1204
Area Yield	sq in/lb	12,500	sq m/kg	17.9	ASTM E252

ADHESIVE

A clear, water-resistant acrylic emulsion film adhesive, with high tack and peel. It adheres to a wide variety of surfaces, and offers a good balance between wet-out and repositionability.

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/m²) 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	%	60.0	%	60.0	TAPPI T425
Tear-MD	grams	32.6	mN	320	TAPPI T414
Tear-CD	grams	39.8	mN	390	TAPPI T414
Tensile-MD	lb/inch	38.9	kN/m	6.8	TAPPI T494
Tensile-CD	lb/inch	16.0	kN/m	2.8	TAPPI T494

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