



PRODUCT INFORMATION

030TT0074740SC

Item #: S5213060

3 MIL THERMAL TRANS BOPP/747 PERMANENT ADHESIVE/40 SC LINER
Approximate weight per MMSI: 199 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

FACESTOCK

3.0 mil White Label-Lyte BOPP with a thermal transfer top coat. Designed for variable imaging applications where moisture resistance, or long-term performance, is important. Label-Lyte is a Trademark of Jindal Films America.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	36.3	grams/sq meter	53.7	TAPPI T410
Caliper Average (Films)	mils	3.0	um (micrometers)	76	ASTM D374
Gloss	% @ 45 degrees	8.0	%	8.0	ASTM D2457
Opacity - Films	%	90.0	%	90.0	ASTM D589
Tensile Film - MD	lb/sq inch	12300.1	kg/sq cm	864.7	ASTM D882
Tensile Film - TD	lb/sq inch	23349.9	kg/sq cm	1641.5	ASTM D882
Stiffness-MD	Gurley (mg)	29.0	mN	.3	TAPPI T543
Stiffness-CD	Gurley (mg)	40.0	mN	.4	TAPPI T543
Elongation at Break - MD	%	190.0	%	190.0	ASTM D882
Elongation at Break - TD	%	50.0	%	50.0	ASTM D882
Dim. Stability - MD	% @ 275 F	-3.9	% @ 135 C	-3.9	ASTM D1204
Dim. Stability - TD	% @ 275 F	-3.3	% @ 135 C	-3.3	ASTM D1204
Area Yield	sq in/lb	13007.0	sq m/kg	18.6	ASTM E252

ADHESIVE

A general purpose, acrylic permanent that displays excellent adhesion over a broad temperature range while providing aggressive performance. Perfect for wine labeling, as it can withstand ice bucket conditions.

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	15	hours	15.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	3.3	grams/25 mm	1473.3	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.8	grams/25 mm	803.6	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.9	grams/25 mm	848.3	CPD-52
Peel - 180 D Glass 20 min	lb/inch	3.3	grams/25 mm	1473.3	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	1.5	grams/25 mm	669.7	CPD-52
Loop Tack Stain Steel	oz/sq inch	53	kg/645 sq mm	1.5	CPD-16
Loop Tack HDPE	oz/sq inch	43	kg/645 sq mm	1.2	CPD-16
Loop Tack LDPE	oz/sq inch	28	kg/645 sq mm	.8	CPD-16
Loop Tack Corrugated	oz/sq inch	15	kg/645 sq mm	.4	CPD-16
Loop Tack Glass	oz/sq inch	60	kg/645 sq mm	1.7	CPD-16
Min. App. Temp.	F	0	C	-18	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
FDA Compliance	21 CFR	175.105			

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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 (3000 Sq Ft)	41.0	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.400	um (micrometer)	61.0	TAPPI T411
Opacity	%	60.0	%	60.0	TAPPI T425
Tear-MD	grams	34.0	mN	333.4	TAPPI T414
Tear-CD	grams	39.0	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40.0	kN/m	7.0	TAPPI T494
Tensile-CD	lb/inch	17.1	kN/m	3.0	TAPPI T494

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