



# PRODUCT INFORMATION

**0WEL40074744PM**

**Item #: S8748260**

ESTATELBL#4 WHI LAID FSC/747 PERMANENT ADHESIVE/44# POLYKRAFT LINER  
Approximate weight per MMSI: 258 lbs. Standard core size is 3 inches. Total caliper: 9.4 mils +/- 10%

### FACESTOCK

60# (89 g/m<sup>2</sup>) white, laid, uncoated, wet strength paper. Maintains its visual integrity when wet. Perfect for wine and beer labels. Its high-end look matches well with upscale products. \*Registered Trademark of Neenah Paper, Inc. FSC®-certified paper.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	60	grams/sq meter	88.8	TAPPI T410
Caliper - Average	mil	5.5	um (micrometer)	139.7	TAPPI T411
Opacity	%	93.5	%	93.5	TAPPI T425
Smoothness Print Side	Sheffield Units	345.0	Sheffield Units	345.0	TAPPI T538
Tensile-MD	lb/inch	25.1	kN/m	4.4	TAPPI T494
Tensile-CD	lb/inch	14.3	kN/m	2.5	TAPPI T494
Brightness	%	85.0	%	85.0	TAPPI T452

### 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)	18.7	
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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## PRODUCT INFORMATION

### LINER

A 44# (72 g/m<sup>2</sup>) natural kraft liner extrusion coated with polypropylene. Designed to prevent V-type tears and an excellent choice for high speed automatic applications. Commonly used in wine label applications.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500 (3000 Sq Ft)	43.5	grams/sq meter	70.9	TAPPI T410
Caliper - Average	mil	3.2	um (micrometer)	81.3	TAPPI T411
Smoothness-Felt Side	Sheffield Units	160	Sheffield Units	160.0	TAPPI T538
Smoothness-Wire Side	Sheffield Units	85	Sheffield Units	85.0	TAPPI T538
Tear-MD	grams	35	mN	343.2	TAPPI T414
Tear-CD	grams	50	mN	490.3	TAPPI T414
Tensile-MD	lb/inch	35	kN/m	6.1	TAPPI T494
Tensile-CD	lb/inch	13	kN/m	2.3	TAPPI T494

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