



1HOPS0074740SC

Item #: S9027152

60# HOPS WET STRENGTH/747 PERMANENT ADHESIVE/40 SC LINER
Approximate weight per MMSI: 253 lbs. Standard core size is 3 inches. Total caliper: 7.6 mils +/- 10%

FACESTOCK

60# (89 g/m²) paper made with whole hops flowers. The hops add a one-of-a-kind look and texture. It has wet strength properties. This is beer paper for beer labeling. Or use it for an herbal or floral product to take advantage of its natural look.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	60	grams/sq meter	88.8	TAPPI T410
Caliper - Average	mil	4.5	um (micrometer)	114.3	TAPPI T411
Opacity	%	95	%	95.0	TAPPI T425
Smoothness Print Side	Sheffield Units	270	Sheffield Units	270.0	TAPPI T538
Tear-MD	grams	80	mN	784.5	TAPPI T414
Tear-CD	grams	100	mN	980.7	TAPPI T414
Tensile-MD	lb/inch	32	kN/m	5.6	TAPPI T494
Tensile-CD	lb/inch	16	kN/m	2.8	TAPPI T494

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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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	2.400	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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