



020CL0010378LF

Item #: S8772260

2.0 MIL TC CLEAR BOPP/103 PERMANENT ADHESIVE/4.6 ML LAYFLAT LINER
Approximate weight per MMSI: 274 lbs. Standard core size is 3 inches. Total caliper: 7.4 mils +/- 10%

FACESTOCK

2.0 mil clear top-coated BOPP offers excellent print results with water-based and UV flexo ink systems, and hot stamping. Ultra clear for a no-label look. Perfect for health and beauty aid, household care, pharmaceutical, and beverage labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.0	um (micrometers)	50.8	ASTM D374
Gloss	% @ 45 degrees	87	%	87.0	ASTM D2457
Haze	%	2.0	%	2.0	ASTM D1003
Area Yield	sq in/lb	15,000	sq m/kg	21.5	ASTM E252

ADHESIVE

A high performance prime label acrylic adhesive with excellent clarity and adhesion to low energy surfaces, along with outstanding wet-out.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.7	um(micrometer)	16.6	
Shear (1 x 1/2 x 1 kg)	hours	2.4	hours	2.4	CPD-55
Peel - 180 D SS 20 min	lb/inch	2.3	grams/25 mm	1026.8	CPD-52
Loop Tack Stain Steel	oz/sq inch	50	kg/645 sq mm	1.4	CPD-16
Min. App. Temp.	F	40	C	4	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
FDA Compliance	21 CFR	175.105			

LINER

A C1S white 77# (126 g/m²) kraft liner that offers good dimensional stability for roll-to-sheet applications. Perfect for facer materials and applications that need extra rigidity to lay flat.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500	77	grams/sq meter	125.5	TAPPI T410
Caliper - Average	mil	4.7	um (micrometer)	119.4	TAPPI T411
Moisture	%	2.5	%	2.5	TAPPI T412
Tear-MD	grams	86	mN	843.4	TAPPI T414
Tear-CD	grams	96	mN	941.4	TAPPI T414
Tensile-MD	lb/inch	52	kN/m	9.1	TAPPI T494
Tensile-CD	lb/inch	26	kN/m	4.6	TAPPI T494

Notes

Please see the usage guidelines in Recommendations for Storage and Handling of Layflat Label Material located in the Ink Jet/Laser section of the Product Guide.

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