



PRODUCT INFORMATION

018CT0010244PM

Item #: S9143760

1.85 MIL TC CLEAR BOPP/FILMIC ADHESIVE/44# POLYKRAFT LINER
Approximate weight per MMSI: 190 lbs. Standard core size is 3 inches. Total caliper: 5.75 mils +/- 10%

FACESTOCK

1.85 mil clear top-coated BOPP is compatible with water-based and UV flexo, and UV inkjet presses. Thinner for resource and shipping savings. Ultra clear for a no-label look. Perfect for health and beauty aid, household care, and beverage labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	1.850	um (micrometers)	47.0	ASTM D374
Gloss - Films	% @ 45 degrees	85	% @ 45 degrees	85.0	ASTM D2457
Tensile Film - MD	lb/sq inch	19943	kg/sq cm	1402.0	ASTM D882
Tensile Film - TD	lb/sq inch	34954	kg/sq cm	2457.3	ASTM D882
Elongation at Break - MD	%	180	%	180.0	ASTM D882
Elongation at Break - TD	%	55	%	55.0	ASTM D882
Haze	%	2.5	%	2.5	ASTM D1003
Area Yield	sq in/lb	16083.9	sq m/kg	23	ASTM E252

ADHESIVE

A clear, water-resistant, acrylic film adhesive with high tack and peel. Adheres to a wide variety of surfaces. Offers a good balance between wet-out and repositionability. Meets APR Critical Guidance Recognition for HDPE containers with specific facers.

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
Peel - 180 D HDPE 20 min	lb/inch	.8	grams/25 mm	357.2	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	.8	grams/25 mm	357.2	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.7	grams/25 mm	759.0	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.5	grams/25 mm	223.2	CPD-52
Loop Tack Stain Steel	oz/sq inch	38	kg/645 sq mm	1.1	CPD-16
Loop Tack HDPE	oz/sq inch	27	kg/645 sq mm	.8	CPD-16
Loop Tack LDPE	oz/sq inch	25	kg/645 sq mm	.7	CPD-16
Loop Tack Corrugated	oz/sq inch	15	kg/645 sq mm	.4	CPD-16
Loop Tack Glass	oz/sq inch	28	kg/645 sq mm	.8	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			

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LINER

A 44# (72 g/m²) 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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