



020CL0011112NB

Item #: S8789352

2.0 MIL TC CLEAR BOPP/111 PERMANENT ADHESIVE/1.2 MIL PET NO BACK COAT
Approximate weight per MMSI: 154 lbs. Standard core size is 3 inches. Total caliper: 3.9 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	85	%	85.0	ASTM D2457
Tensile Film - MD	lb/sq inch	16500	kg/sq cm	1160.0	ASTM D882
Tensile Film - TD	lb/sq inch	33500	kg/sq cm	2355.1	ASTM D882
Stiffness-MD	Gurley (mg)	14	mN	1427.6	TAPPI T543
Stiffness-CD	Gurley (mg)	24	mN	2447.3	TAPPI T543
Elongation at Break - MD	%	185	%	185.0	ASTM D882
Haze	%	2.0	%	2.0	ASTM D1003
Dim. Stability - MD	% @ 275 F	-3.5	% @ 135 C	-3.5	ASTM D1204
Area Yield	sq in/lb	15,000	sq m/kg	21.5	ASTM E252

ADHESIVE

A permanent, acrylic emulsion adhesive that is designed for films. It has excellent water whitening resistance. Adheres well to low-surface-energy plastics. Can be used in squeeze applications.

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	5.1	hours	5.1	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.491	grams/25 mm	665.7	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.08	grams/25 mm	482.2	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.009	grams/25 mm	450.5	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.538	grams/25 mm	686.6	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.694	grams/25 mm	309.8	CPD-52
Loop Tack Stain Steel	oz/sq inch	37	kg/645 sq mm	1.0	CPD-16
Loop Tack HDPE	oz/sq inch	29	kg/645 sq mm	.8	CPD-16
Loop Tack LDPE	oz/sq inch	22	kg/645 sq mm	.6	CPD-16
Loop Tack Corrugated	oz/sq inch	8	kg/645 sq mm	.2	CPD-16
Loop Tack Glass	oz/sq inch	39	kg/645 sq mm	1.1	CPD-16
Min. App. Temp.	F	32	C	0	
Service Temp.	F	-4 TO 257	C	-20 TO 125	
FDA Compliance	21 CFR	175.105			

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SPECIALISTS IN COATED SELF-ADHESIVE MATERIALS

ESPECIALISTAS EN MATERIALES AUTO-ADHESIVOS

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Phone: 001-(920)-337-1800, 800-445-4269, WI: 800-472-4442 • FAX: 001-(920)-337-1797, 800-705-0111



LINER

Clear polyester with an excellent surface for die-cutting. Great strength for high speed converting and application.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Average	mil	1.2	um (micrometer)	30.5	TAPPI T411
Tensile Film - MD	lb/sq inch	32,000	kg/sq cm	2249.6	ASTM D882
Tensile Film - TD	lb/sq inch	32,000	kg/sq cm	2249.6	ASTM D882
Elongation at Break - MD	%	130	%	130.0	ASTM D882
Elongation at Break - TD	%	100	%	100.0	ASTM D882
Shrinkage-MD	% 30 min @ 302 F	1.5	% 30 min @ 150 C	1.5	ISO 2469
Shrinkage-TD	% 30 min @ 302 F	.4	% 30 min @ 150 C	.4	ISO 2469
Area Yield	sq in/lb	16,805	sq m/kg	24.0	ASTM E252

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