



023WB0063312NB

Item #: S8167160

2.3 MIL TC WHITE BOPP/633 REMOVABLE ADHESIVE/1.2 MIL PET NO BACK COAT
Approximate weight per MMSI: 168 lbs. Standard core size is 3 inches. Total caliper: 4.16 mils +/- 10%

FACESTOCK

A 2.3 mil white top coated BOPP, backside coated to aid in adhesive anchorage. Excellent compatibility using UV curing inks or water based flexo ink systems. High stiffness for conversion and automatic dispensing. Great choice for prime labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.360	um (micrometers)	59.9	ASTM D374
Gloss - Films	% @ 45 degress	48	% @ 45 degrees	48.0	ASTM D2457
Opacity - Films	%	80	%	80.0	ASTM D589
Tensile Film - MD	lb/sq inch	22,500	kg/sq cm	1581.8	ASTM D882
Tensile Film - TD	lb/sq inch	21,000	kg/sq cm	1476.3	ASTM D882
Stiffness-MD	Gurley (mg)	18	mN	.2	TAPPI T543
Stiffness-CD	Gurley (mg)	18	mN	.2	TAPPI T543
Elongation at Break - MD	%	90	%	90.0	ASTM D882
Elongation at Break - TD	%	100	%	100.0	ASTM D882
Dim. Stability - MD	% 60 sec @ 266 F	3.0	% 60 sec @ 130 C	3.0	ASTM D1204
Dim. Stability - TD	% 60 sec @ 266 F	-1.0	% 60 sec @ 130 C	-1.0	ASTM D1204
Area Yield	sq in/lb	12,000	sq m/kg	17.2	ASTM E252

ADHESIVE

An aggressive removable adhesive with a clean release for paper and film labels. It adheres to, and removes from, a wide variety of surfaces. Does not ghost. Good mandrel hold. Ideal for resealable closure labels.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.6	um(micrometer)	15.8	
Shear (1 x 1/2 x 1 kg)	hours	1.0	hours	1.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	.76	grams/25 mm	339.3	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	.37	grams/25 mm	165.2	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	.42	grams/25 mm	187.5	CPD-52
Peel - 180 D Glass 20 min	lb/inch	.97	grams/25 mm	433.1	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.61	grams/25 mm	272.3	CPD-52
Peel - 180 D HDPE 24hr	lb/inch	.46	grams/25 mm	205.4	CPD-52
Peel - 180 D LDPE 24hr	lb/inch	.60	grams/25 mm	267.9	CPD-52
Peel - 180 D PET 24hr	lb/inch	1.05	grams/25 mm	468.8	CPD-52
Loop Tack Stain Steel	oz/sq inch	24	kg/645 sq mm	.7	CPD-16
Loop Tack HDPE	oz/sq inch	13	kg/645 sq mm	.4	CPD-16
Loop Tack LDPE	oz/sq inch	9	kg/645 sq mm	.3	CPD-16
Loop Tack Corrugated	oz/sq inch	6.7	kg/645 sq mm	.2	CPD-16
Loop Tack Glass	oz/sq inch	21	kg/645 sq mm	.6	CPD-16
Min. App. Temp.	F	30	C	-1	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
FDA Compliance	21 CFR	175.105			

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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 (Films)	mils	1.2	um (micrometers)	30.5	ASTM D374
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
Haze	%	6.0	%	6.0	ASTM D1003
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
Elastic Modulus - MD	lb/sq inch	550,000	kg/sq cm	38665.0	ASTM D882
Elastic Modulus - TD	lb/sq inch	550,000	kg/sq cm	38665.0	ASTM D882
Area Yield	sq in/lb	16,805	sq m/kg	24.0	ASTM E252

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