



# PRODUCT INFORMATION

**023WP00103012NB**

**Item #: S7895760**

2.3 MIL TC WHITE BOPP/103 PERMANENT ADHESIVE/1.2 MIL PET  
Approximate weight per MMSI: 169 lbs. Standard core size is 6 inches. Total caliper: 4.22 mils +/- 10%

## FACESTOCK

A 2.3 mil white top coated BOPP with 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	2.320	um (micrometers)	58.9	ASTM D374
Gloss - Films	% @ 45 degrees	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)	15	mN	.1	TAPPI T543
Stiffness-CD	Gurley (mg)	17	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	12,150	sq m/kg	17.4	ASTM E252

## ADHESIVE

A soft, high performance film 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
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

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	1.200	um (micrometers)	30.5	ASTM D374
Tensile Film - MD	lb/sq inch	26300	kg/sq cm	1848.9	ASTM D882

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