



# PRODUCT INFORMATION

**24WCT0095092NB**

**Item #: S9209960**

2.4 MIL TC WHI BOPP/GP FILM ADHESIVE/92 GA SIL CTD PET LINER  
Approximate weight per MMSI: 130 lbs. Standard core size is 6 inches. Total caliper: 3.92 mils +/- 10%

## FACESTOCK

2.4 mil white top-coated BOPP. It is compatible with water-based and UV flexo, and UV inkjet presses. Thinner for resource and shipping savings. Glossy 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	2.400	um (micrometers)	61.0	ASTM D374
Gloss - Films	% @ 45 degrees	70	% @ 45 degrees	70.0	ASTM D2457
Opacity - Films	%	88	%	88.0	ASTM D589
Tensile Film - MD	lb/sq inch	14500	kg/sq cm	1019.4	ASTM D882
Tensile Film - TD	lb/sq inch	29000	kg/sq cm	2038.7	ASTM D882
Stiffness-MD	Gurley (mg)	14	mN	.1	TAPPI T543
Stiffness-CD	Gurley (mg)	36	mN	.4	TAPPI T543
Elongation at Break - MD	%	170	%	170.0	ASTM D882
Elongation at Break - TD	%	35	%	35.0	ASTM D882

## ADHESIVE

General purpose filmic adhesive designed for prime label applications. High shear properties leading to excellent press convertibility. Provides good open time for label repositioning. Performs at application temperatures as low as 25°F. Meets APR Preferred Design for Recycling on HDPE (colored) and PP substrates.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.6	um(micrometer)	14.4	
Shear (1 x 1/2 x 1 kg)	hours	100+	hours	100.0	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	1.2	grams/25 mm	535.7	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.1	grams/25 mm	491.1	CPD-52
Peel - 180 D Glass 20 min	lb/inch	2.1	grams/25 mm	937.5	CPD-52
Peel - 180 D PET 20 min	lb/inch	2.57	grams/25 mm	1147.4	CPD-52
Loop Tack Stain Steel	oz/sq inch	45	kg/645 sq mm	1.3	CPD-16
Loop Tack HDPE	oz/sq inch	27	kg/645 sq mm	.8	CPD-16
Loop Tack LDPE	oz/sq inch	24	kg/645 sq mm	.7	CPD-16
Loop Tack Glass	oz/sq inch	46	kg/645 sq mm	1.3	CPD-16
Min. App. Temp.	F	25	C	-4	
Service Temp.	F	-40 TO 160	C	-40 TO 71	
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. The benefits of this thinner gauge liner include reducing plastic use, decreasing shipping weight, and allowing more labels on a roll.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	.92	um (micrometers)	23.4	ASTM D374
Tensile Film - MD	lb/sq inch	32000	kg/sq cm	2249.6	ASTM D882
Tensile Film - TD	lb/sq inch	32000	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	19800	sq m/kg	28.3	ASTM E252

Issued: 10/10/24

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