



# PRODUCT INFORMATION

**018CT0095039NK**

**Item #: S9240360**

1.85 MIL TC CLEAR BOPP/GP FILM ADHESIVE/NATURAL LINER

Approximate weight per MMSI: 180 lbs. Standard core size is 3 inches. Total caliper: 4.95 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

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	0.7	um(micrometer)	16.6	
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

Produced without bleaching, this is a more environmentally-friendly, 39# (64 g/m<sup>2</sup>) super calendered densified kraft liner offering good die-cutting and stripping. Can be recycled with corrugated.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500 (3000 Sq Ft)	39.0	grams/sq meter	63.6	TAPPI T410
Caliper - Average	mil	2.4	um (micrometer)	61.0	TAPPI T411
Opacity	%	93	%	93.0	TAPPI T425
Tear-MD	grams	37	mN	362.8	TAPPI T414
Tear-CD	grams	41	mN	402.1	TAPPI T414
Tensile-MD	lb/inch	45	kN/m	7.9	TAPPI T494
Tensile-CD	lb/inch	21	kN/m	3.7	TAPPI T494

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