



# PRODUCT INFORMATION

**036WG0072040SC**

**Item #: S8170060**

3.6 ML WHITE TC BOPP/ALL TEMP ADHESIVE/40 SC LINER

Approximate weight per MMSI: 246 lbs. Standard core size is 3 inches. Total caliper: 6.62 mils +/- 10%

## FACESTOCK

A 3.6 mil white BOPP film. UV resistance and top coating suitable for UV screen, UV flexo and waterbased inks. Can be used for window graphics, or other applications where a more substantial film is needed.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	3.62	um (micrometers)	91.9	ASTM D374
Gloss	% @ 45 degrees	50	%	50.0	ASTM D2457
Opacity - Films	%	82	%	82.0	ASTM D589
Tensile Film - MD	lb/sq inch	22500	kg/sq cm	1581.8	ASTM D882
Tensile Film - TD	lb/sq inch	20300	kg/sq cm	1427.1	ASTM D882
Elongation at Break - MD	%	105	%	105.0	ASTM D882
Elongation at Break - TD	%	115	%	115.0	ASTM D882
Dim. Stability - MD	% 60 sec @ 266 F	2.0	% 60 sec @ 130 C	2.0	ASTM D1204
Elastic Modulus - MD	lb/sq inch	319000	kg/sq cm	22425.7	ASTM D882
Area Yield	sq in/lb	7800	sq m/kg	11.2	ASTM E252

## ADHESIVE

A soft, general purpose, all-temperature acrylic adhesive for paper and film labels. Adheres to a variety of packages in a broad range of temperatures. Meets the TLMI Recycling Protocol TLMI-LRP-2 for paper recycling compatibility.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Shear (1 x 1/2 x 1 kg)	hours	.2	hours	.2	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.5	grams/25 mm	669.7	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1	grams/25 mm	446.5	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.7	grams/25 mm	759.0	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.6	grams/25 mm	267.9	CPD-52
Loop Tack Stain Steel	oz/sq inch	44	kg/645 sq mm	1.2	CPD-16
Loop Tack HDPE	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Min. App. Temp.	F	-20	C	-29	
Service Temp.	F	-65 TO 180	C	-54 TO 82	
FDA Compliance	21 CFR	175.105			

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### LINER

A white densified kraft sheet 41# (67 g/m<sup>2</sup>) with excellent point-to-point caliper control.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500 (3000 Sq Ft)	41	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.400	um (micrometer)	61.0	TAPPI T411
Opacity	%	60	%	60.0	TAPPI T425
Tear-MD	grams	34	mN	333.4	TAPPI T414
Tear-CD	grams	39	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40	kN/m	7.0	TAPPI T494
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494

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