



**036CG0034778LF**

**Item #: S7149060**

3.6 ML CLEAR TC BOPP/GRAPHICS REMOVABLE ADH/4.6 ML LAYFLAT LINER

Approximate weight per MMSI: 325 lbs. Standard core size is 3 inches. Total caliper: 8.92 mils +/- 10%

**FACESTOCK**

A 3.6 mil clear 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	90	%	90.0	ASTM D2457
Tensile Film - MD	lb/sq inch	24600	kg/sq cm	1729.4	ASTM D882
Tensile Film - TD	lb/sq inch	23200	kg/sq cm	1631.0	ASTM D882
Elongation at Break - MD	%	105	%	105.0	ASTM D882
Elongation at Break - TD	%	120	%	120.0	ASTM D882
Dim. Stability - MD	% 60 sec @ 266 F	3.5	% 60 sec @ 130 C	3.5	ASTM D1204
Dim. Stability - TD	% 60 sec @ 266 F	2.5	% 60 sec @ 130 C	2.5	ASTM D1204
Area Yield	sq in/lb	8450	sq m/kg	12.1	ASTM E252

**ADHESIVE**

Specialized removable acrylic for film face stocks. Has low peel and no-build properties. Designed for clean and easy removal from glass even after extended periods of time and temperature changes.

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	1.2	hours	1.2	CPD-55
Peel - 180 D SS 20 min	lb/inch	0.5	grams/25 mm	223.2	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	0.4	grams/25 mm	178.6	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	0.3	grams/25 mm	133.9	CPD-52
Peel - 180 D Glass 20 min	lb/inch	0.5	grams/25 mm	223.2	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	0.2	grams/25 mm	89.3	CPD-52
Min. Applic. Temp.	F	35	C	2	
Loop Tack Stain Steel	oz/sq inch	22	kg/645 sq mm	.6	CPD-16
Loop Tack HDPE	oz/sq inch	11	kg/645 sq mm	.3	CPD-16
Loop Tack LDPE	oz/sq inch	7	kg/645 sq mm	.2	CPD-16
Loop Tack Corrugated	oz/sq inch	5	kg/645 sq mm	.1	CPD-16
Loop Tack Glass	oz/sq inch	21	kg/645 sq mm	.6	CPD-16
Service Temp.	F	-40 TO 180	C	-40 TO 82	
FDA Compliance	21 CFR	175.105			

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**LINER**

A C1S white 77# (126 g/m<sup>2</sup>) kraft liner that offers good dimensional stability for roll-to-sheet applications.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500	77	grams/sq meter	125.5	TAPPI T410
Caliper - Average	mil	4.7	um (micrometer)	119.4	TAPPI T411
Moisture	%	2.5	%	2.5	TAPPI T412
Tear-MD	grams	86	mN	843.4	TAPPI T414
Tear-CD	grams	96	mN	941.4	TAPPI T414
Tensile-MD	lb/inch	52	kN/m	9.1	TAPPI T494
Tensile-CD	lb/inch	26	kN/m	4.6	TAPPI T494

**Notes**

Please see the usage guidelines in Recommendations for Storage and Handling of Layflat Label Material located in the Ink Jet/Laser section of the Product Guide.

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