



**020CL0010340SC**

**Item #: S8763760**

2.0 MIL TC CLEAR BOPP/103 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 189 lbs. Standard core size is 3 inches. Total caliper: 5.1 mils +/- 10%

**FACESTOCK**

2.0 mil clear top-coated BOPP offers excellent print results with water-based and UV flexo ink systems, and hot stamping. Ultra clear for a no-label look. Perfect for health and beauty aid, household care, pharmaceutical, and beverage labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.0	um (micrometers)	50.8	ASTM D374
Gloss	% @ 45 degrees	85	%	85.0	ASTM D2457
Tensile Film - MD	lb/sq inch	16500	kg/sq cm	1160.0	ASTM D882
Tensile Film - TD	lb/sq inch	33500	kg/sq cm	2355.1	ASTM D882
Stiffness-MD	Gurley (mg)	14	mN	.1	TAPPI T543
Stiffness-CD	Gurley (mg)	24	mN	.2	TAPPI T543
Elongation at Break - MD	%	185	%	185.0	ASTM D882
Elongation at Break - TD	%	60	%	60.0	ASTM D882
Haze	%	2.0	%	2.0	ASTM D1003
Dim. Stability - MD	% @ 275 F	-3.5	% @ 135 C	-3.5	ASTM D1204
Dim. Stability - TD	% @ 275 F	-3.5	% @ 135 C	-3.5	ASTM D1204
Area Yield	sq in/lb	15,000	sq m/kg	21.5	ASTM E252

**ADHESIVE**

A high performance prime 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
Caliper - Calculated	mils	0.7	um(micrometer)	16.6	
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**

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	40.6	grams/sq meter	66.2	TAPPI T410
Caliper - Average	mil	2.4	um (micrometer)	61.0	TAPPI T411
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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