



# PRODUCT INFORMATION

**70MKE0085340SC**

**Item #: S9297060**

2.9 MIL DT BOPP/853 ALL TEMP ADHESIVE/40 SC LINER

Approximate weight per MMSI: 194 lbs. Standard core size is 3 inches. Total caliper: 5.9 mils +/- 10%

### FACESTOCK

A 2.9 mil BOPP, no phenols added film, with direct thermal coating. Produces a dark image. Top coated for durability. Water and environmental resistant. Use for industrial labeling, ski lift tickets, baggage tags, product labels, and retail shelf labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	35.8	grams/sq meter	53.0	TAPPI T410
Caliper - Average	mil	2.9	um (micrometer)	73.7	TAPPI T411
Smoothness (PPS) Print Side	um	1.7	um	1.7	TAPPI T555
Tear-MD	grams	23.0	mN	225.6	TAPPI T414
Tear-CD	grams	18	mN	176.5	TAPPI T414
Stiffness-MD	Gurley (mg)	23	mN	.2	TAPPI T543
Stiffness-CD	Gurley (mg)	30.6	mN	.3	TAPPI T543
Initial Activation Temp	F	178	C	81	ISO 1924
Effective Activation Temp	F	212	C	100	ISO 1924
Optimum Activation Temp	F	221	C	105	ISO 1924

### ADHESIVE

A cold-temperature acrylic adhesive, designed to run cleanly on press. Perfect for weigh scale applications.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Shear (1 x 1/2 x 1 kg)	hours	2	hours	2.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.1	grams/25 mm	491.1	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	.6	grams/25 mm	267.9	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	.5	grams/25 mm	223.2	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.1	grams/25 mm	491.1	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.5	grams/25 mm	223.2	CPD-52
Loop Tack Stain Steel	oz/sq inch	32	kg/645 sq mm	.9	CPD-16
Loop Tack HDPE	oz/sq inch	25	kg/645 sq mm	.7	CPD-16
Loop Tack LDPE	oz/sq inch	18	kg/645 sq mm	.5	CPD-16
Loop Tack Corrugated	oz/sq inch	18	kg/645 sq mm	.5	CPD-16
Min. App. Temp.	F	0	C	-18	
Service Temp.	F	-50 TO 125	C	-46 TO 52	
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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