



070MK0085340SC

Item #: S5065060

76 MICRON SYN DIR THERMA/853 ALL TEMP ADHESIVE/40 SC LINER
Approximate weight per MMSI: 206 lbs. Standard core size is 3 inches. Total caliper: 6 mils +/- 10%

FACESTOCK

A 3.0 mil BOPP direct thermal film. Medium degree of sensitivity. Top coated for durability. Use when moisture and environmental resistance are important. Dark image for excellent ability to be read and scanned.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	36.2	grams/sq meter	53.6	TAPPI T410
Caliper Average (Films)	mils	3.000	um (micrometers)	76.2	ASTM D374
Tear-MD	grams	27	mN	264.8	TAPPI T414
Tear-CD	grams	20	mN	196.1	TAPPI T414
Stiffness-MD	Gurley (mg)	27	mN	.3	TAPPI T543
Stiffness-CD	Gurley (mg)	39	mN	.4	TAPPI T543
Initial Activation Temp	F	167	C	75	ISO 1924
Effective Activation Temp	F	196	C	91	ISO 1924
Optimum Activation Temp	F	298	C	148	ISO 1924

Notes
<http://gbp.com/coated-direct-thermal-ink-recommendations>

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
Caliper - Calculated	mils	0.6	um(micrometer)	15.6	
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/m²) with excellent point-to-point caliper control.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500	41	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.4	um (micrometer)	61.0	TAPPI T411
Opacity	%	60.0	%	60.0	TAPPI T425
Tear-MD	grams	32.6	mN	320	TAPPI T414
Tear-CD	grams	39.8	mN	390	TAPPI T414
Tensile-MD	lb/inch	38.9	kN/m	6.8	TAPPI T494
Tensile-CD	lb/inch	16.0	kN/m	2.8	TAPPI T494

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