



**070MK0085340SC**

**Item #: S5065060**

3 ML DIRECT THERM BOPP/853 ALL TEMP ADHESIVE/40 SC LINER

Approximate weight per MMSI: 207 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	41.1	grams/sq meter	60.8	TAPPI T410
Caliper - Average	mil	3.0	um (micrometer)	76.2	TAPPI T411
Opacity	%	92	%	92.0	TAPPI T425
Tear-MD	grams	28	mN	274.6	TAPPI T414
Tear-CD	grams	21	mN	205.9	TAPPI T414
Tensile-MD	lb/inch	36	kN/m	6.3	TAPPI T494
Tensile-CD	lb/inch	53	kN/m	9.3	TAPPI T494
Stiffness-MD	Gurley (mg)	27	mN	.3	TAPPI T543
Stiffness-CD	Gurley (mg)	43	mN	.4	TAPPI T543
Initial Activation Temp	F	175	C	79	ISO 1924
Effective Activation Temp	F	209	C	98	ISO 1924
Optimum Activation Temp	F	275	C	135	ISO 1924
Area Yield	sq in/lb	11787	sq m/kg	16.9	ASTM E252

**Notes**

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

**ADHESIVE**

A cold-temperature acrylic adhesive, with less ooze. Designed to dispense on some of the more challenging thermal labeling equipment.

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
Min. Applic. Temp.	F	0	C	-18	
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
Service Temp.	F	-50 TO 125	C	-46 TO 52	
FDA Compliance	21 CFR	175.105			

The information presented in this publication is believed to be accurate and is not intended to constitute a specification. The values given reflect average material characteristics. All statements, technical information and recommendations about Green Bay Packaging Inc. products are based upon tests believed to be reliable, but do not constitute a guarantee or warranty. All products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purpose. No salesperson, representative, or agent of Green Bay Packaging Inc. is authorized to give any guarantee, warranty, or make any representation contrary to the above. The company's standard Terms and Conditions (found in the current Green Bay Packaging Inc. - Coated Products Operations, Roll Printer Price Book) in effect at the time of the sale shall control.

La información presentada en esta publicación se considera correcta; no debe ser interpretada como una especificación. Los valores dados reflejan las características regulares de los materiales. Todos los informes, fichas técnicas, y recomendaciones de los productos de Green Bay Packaging Inc. están basados en pruebas que se consideran confiables, pero no constituyen ningún tipo de garantía. Todos los productos se venden con el entendimiento de que el comprador ha determinado independientemente la conveniencia de estos productos para su uso final. Ningún vendedor, representante, ni agente de Green Bay Packaging Inc. está autorizado para dar ningún tipo de garantía, ni hacer representación alguna contraria a lo susodicho. Los Términos y Condiciones vigentes que regulan toda relación comercial de Green Bay Packaging Inc. - Coated Products Operations son los que se encuentran impresos en inglés en el último Libro de Precios. (Green Bay Packaging Inc. - Coated Products Operations, Roll Printer Price Book.)

**SPECIALISTS IN COATED SELF-ADHESIVE MATERIALS**

**ESPECIALISTAS EN MATERIALES AUTO-ADHESIVOS**

3250 South Ridge Road • P. O. Box 19017 • Green Bay, WI 54307-9017 • USA  
Phone: 001-(920)-337-1800, 800-445-4269, WI: 800-472-4442 • FAX: 001-(920)-337-1797, 800-705-0111



**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	41	grams/sq meter	66.8	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

Issued: 07/26/17

The information presented in this publication is believed to be accurate and is not intended to constitute a specification. The values given reflect average material characteristics. All statements, technical information and recommendations about Green Bay Packaging Inc. products are based upon tests believed to be reliable, but do not constitute a guarantee or warranty. All products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purpose. No salesperson, representative, or agent of Green Bay Packaging Inc. is authorized to give any guarantee, warranty, or make any representation contrary to the above. The company's standard Terms and Conditions (found in the current Green Bay Packaging Inc. – Coated Products Operations, Roll Printer Price Book) in effect at the time of the sale shall control.

*La información presentada en esta publicación se considera correcta; no debe ser interpretada como una especificación. Los valores dados reflejan las características regulares de los materiales. Todos los informes, fichas técnicas, y recomendaciones de los productos de Green Bay Packaging Inc. están basados en pruebas que se consideran confiables, pero no constituyen ningún tipo de garantía. Todos los productos se venden con el entendimiento de que el comprador ha determinado independientemente la conveniencia de estos productos para su uso final. Ningún vendedor, representante, ni agente de Green Bay Packaging Inc. está autorizado para dar ningún tipo de garantía, ni hacer representación alguna contraria a lo susodicho. Los Términos y Condiciones vigentes que regulan toda relación comercial de Green Bay Packaging Inc. – Coated Products Operations son los que se encuentran impresos en inglés en el último Libro de Precios. (Green Bay Packaging Inc. – Coated Products Operations, Roll Printer Price Book.)*

SPECIALISTS IN COATED SELF-ADHESIVE MATERIALS

ESPECIALISTAS EN MATERIALES AUTO-ADHESIVOS

3250 South Ridge Road • P. O. Box 19017 • Green Bay, WI 54307-9017 • USA

Phone: 001-(920)-337-1800, 800-445-4269, WI: 800-472-4442 • FAX: 001-(920)-337-1797, 800-705-0111