

**GREEN BAY PACKAGING**

COATED PRODUCTS

PRODUCT INFORMATION

025DT0055240SC**Item #: S9008160**

TC RESISTANT DT FSC/552 COLD-TEMP ADHESIVE/40 SC LINER

Approximate weight per MMSI: 220 lbs. Standard core size is 3 inches. Total caliper: 6.2 mils +/- 10%

FACESTOCK

A 47# (70 g/m²) top coated direct thermal paper. Resistant to moisture, oil and heat. Also has plasticizer resistance at room temperature. Ideal for weigh scale labels, pharmacy, shipping and warehousing applications. FSC®-certified paper.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	47.2	grams/sq meter	69.9	TAPPI T410
Caliper - Average	mil	3.1	um (micrometer)	78.7	TAPPI T411
Smoothness (PPS) Print Side	um	1.4	um	1.4	TAPPI T555
Tear-MD	grams	45	mN	441.3	TAPPI T414
Tensile-MD	lb/inch	37	kN/m	6.5	TAPPI T494
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494
Stiffness-MD	Gurley (mg)	90	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	35	mN	.3	TAPPI T543
Brightness	%	84	%	84.0	TAPPI T452
Initial Activation Temp	F	185	C	85	ISO 1924
Effective Activation Temp	F	230	C	110	ISO 1924
Optimum Activation Temp	F	300	C	149	ISO 1924

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

Acrylic freezer adhesive used in many film wrapped meat and dairy applications, including the more difficult blast freeze environment.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.7	um(micrometer)	17.3	
Shear (1 x 1/2 x 1 kg)	minutes	6	minutes	6.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.3	grams/25 mm	580.4	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.2	grams/25 mm	535.7	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.1	grams/25 mm	491.1	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.2	grams/25 mm	535.7	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.8	grams/25 mm	357.2	CPD-52
Loop Tack Stain Steel	oz/sq inch	40	kg/645 sq mm	1.1	CPD-16
Loop Tack HDPE	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Loop Tack LDPE	oz/sq inch	26	kg/645 sq mm	.7	CPD-16
Loop Tack Corrugated	oz/sq inch	15	kg/645 sq mm	.4	CPD-16
Min. App. Temp.	F	-20	C	-29	
Service Temp.	F	-65 TO 120	C	-54 TO 49	
FDA Compliance	21 CFR	175.105			

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SPECIALISTS IN COATED SELF-ADHESIVE MATERIALS

ESPECIALISTAS EN MATERIALES AUTO-ADHERIBLES

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GREEN BAY PACKAGING

COATED PRODUCTS

PRODUCT INFORMATION

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 (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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