GREEN BAY PACKAGING
COATED PRODUCTS

PRODUCT INFORMATION

025NT0072017GL Item #: S8776752

NTC DIRECT THERMAL FSC/720 ALL TEMP ADHESIVE/1.7 MIL GLASSINE
Approximate weight per MMSI: 196 lbs. Standard core size is 3 inches. Total caliper: 5.5 mils +/- 10%

FACESTOCK

A 51# (75 g/m²) medium sensitivity non-top coated direct thermal paper designed for short duration labels or applications where the label is not exposed to solvents, water, oils, fats or other similar materials. FSC®-certified paper.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	50.7	grams/sq meter	75.0	TAPPI T410
Caliper - Average	mil	3.2	um (micrometer)	81.3	TAPPI T411
Smoothness (PPS) Print Side	um	1.65	um	1.7	TAPPI T555
Tear-MD	grams	48	mN	470.7	TAPPI T414
Tensile-CD	lb/inch	14	kN/m	2.5	TAPPI T494
Stiffness-MD	Gurley (mg)	100	mN	1.0	TAPPI T543
Brightness	%	88	%	88.0	TAPPI T452
Initial Activation Temp	F	185	C	85	ISO 1924
Effective Activation Temp	F	280	C	138	ISO 1924
Optimum Activation Temp	F	300	C	149	ISO 1924

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

ADHESIVE

A soft, general purpose, all-temperature acrylic adhesive for paper and film labels. Adheres to a variety of packages in a broad range of temperatures. Meets the TLMI Recycling Protocol TLMI-LRP-2 for paper recycling compatibility.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.6	um(micrometer)	16.3	
Shear (1 x 1/2 x 1 kg)	hours	.2	hours	.2	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.5	grams/25 mm	669.7	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.0	grams/25 mm	446.5	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	1.7	grams/25 mm	759.0	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.6	grams/25 mm	267.9	CPD-52
Loop Tack Stain Steel	oz/sq inch	44	kg/645 sq mm	1.2	CPD-16
Loop Tack HDPE	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Loop Tack LDPE	oz/sq inch	29	kg/645 sq mm	.8	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Min. App. Temp.	F	-20	C	-29	
Service Temp.	F	-65 TO 180	C	-54 TO 82	
FDA Compliance	21 CFR	175.105			

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GREEN BAY PACKAGING
COATED PRODUCTS

PRODUCT INFORMATION

LINER

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500 (3000 Sq Ft)	27.6	grams/sq meter	45.0	TAPPI T410
Caliper - Average	mil	1.7	um (micrometer)	43.2	TAPPI T411
Moisture	%	6.5	%	6.5	TAPPI T412
Transparency	%	59	%	59.0	ISO 2469
Smoothness (PPS) Print Side	um	1.7	um	1.7	TAPPI T555
Tear-MD	grams	27.5	mN	269.7	TAPPI T414
Tear-CD	grams	28.5	mN	279.5	TAPPI T414
Tensile-MD	lb/inch	23	kN/m	4.0	TAPPI T494
Tensile-CD	lb/inch	9	kN/m	1.6	TAPPI T494

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