



025NT0063340SC

Item #: S9175260

NTC DIRECT THERMAL FSC/633 REMOVABLE ADHESIVE/40 SC LINER

Approximate weight per MMSI: 226 lbs. Standard core size is 3 inches. Total caliper: 6.2 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 (330)	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
Tear-CD	grams	53	mN	519.8	TAPPI T414
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

An aggressive removable adhesive with a clean release for paper and film labels. It adheres to, and removes from, a wide variety of surfaces. Does not ghost. Good mandrel hold. Ideal for resealable closure labels.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.6	um(micrometer)	15.1	
Shear (1 x 1/2 x 1 kg)	hours	1.0	hours	1.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	.76	grams/25 mm	339.3	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	.37	grams/25 mm	165.2	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	.42	grams/25 mm	187.5	CPD-52
Peel - 180 D Glass 20 min	lb/inch	.97	grams/25 mm	433.1	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.72	grams/25 mm	321.4	CPD-52
Peel - 180 D HDPE 24hr	lb/inch	.46	grams/25 mm	205.4	CPD-52
Peel - 180 D LDPE 24hr	lb/inch	.60	grams/25 mm	267.9	CPD-52
Peel - 180 D PET 24hr	lb/inch	1.05	grams/25 mm	468.8	CPD-52
Loop Tack Stain Steel	oz/sq inch	24	kg/645 sq mm	.7	CPD-16
Loop Tack HDPE	oz/sq inch	13	kg/645 sq mm	.4	CPD-16
Loop Tack LDPE	oz/sq inch	9	kg/645 sq mm	.3	CPD-16
Loop Tack Corrugated	oz/sq inch	6.7	kg/645 sq mm	.2	CPD-16
Loop Tack Glass	oz/sq inch	21	kg/645 sq mm	.6	CPD-16
Min. App. Temp.	F	30	C	-1	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
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 (300)	41	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.4	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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