



PRODUCT INFORMATION

25NTE8036140SC

Item #: S9283560

NTC DIRECT THERMAL FSC/80361 REMOVABLE ADHESIVE/40 SC LINER

Approximate weight per MMSI: 222 lbs. Standard core size is 3 inches. Total caliper: 6.2 mils +/- 10%

FACESTOCK

A 49# (73 g/m²), no phenols added, 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)	49.5	grams/sq meter	73.3	TAPPI T410
Caliper - Average	mil	3.200	um (micrometer)	81.3	TAPPI T411
Smoothness (PPS) Print Side	um	1.9	um	1.9	TAPPI T555
Tear-CD	grams	50	mN	490.3	TAPPI T414
Tensile-MD	lb/inch	35	kN/m	6.1	TAPPI T494
Stiffness-MD	Gurley (mg)	90	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	40	mN	.4	TAPPI T543
Brightness UV Excl	%	80	%		Tappi T571
Initial Activation Temp	F	212	C	100	ISO 1924
Effective Activation Temp	F	272	C	133	ISO 1924
Optimum Activation Temp	F	300	C	149	ISO 1924

ADHESIVE

Acrylic adhesive designed for short-term removability. Consider for kiddie stickers.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
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
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 (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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