



PRODUCT INFORMATION

25NTE0027240SC

Item #: S9253360

NTC DIRECT THERMAL FSC/272 ULTRA REMOVABLE ADH/40SC LINER

Approximate weight per MMSI: 222 lbs. Standard core size is 3 inches. Total caliper: 6.1 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-MD	grams	50.0	mN	490.3	TAPPI T414
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494
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

Non-toxic paper removable microsphere acrylic adhesive with good clean removal. Great choice for kiddie stickers, business forms, and price labels.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Peel - 180 D SS 20 min	lb/inch	.311	grams/25 mm	138.8	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	.280	grams/25 mm	125.0	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	.247	grams/25 mm	110.3	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.052	grams/25 mm	23.2	CPD-52
Loop Tack Stain Steel	oz/sq inch	11	kg/645 sq mm	.3	CPD-16
Loop Tack HDPE	oz/sq inch	8	kg/645 sq mm	.2	CPD-16
Loop Tack LDPE	oz/sq inch	8	kg/645 sq mm	.2	CPD-16
Loop Tack Corrugated	oz/sq inch	4	kg/645 sq mm	.1	CPD-16
Min. App. Temp.	F	20	C	-7	
Service Temp.	F	-10 TO 120	C	-23 TO 49	
FDA Compliance	21 CFR	175.105			

Notes

This adhesive is not intended for layflat applications.

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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)	41.0	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.400	um (micrometer)	61.0	TAPPI T411
Opacity	%	60.0	%	60.0	TAPPI T425
Tear-CD	grams	39.0	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40.0	kN/m	7.0	TAPPI T494

Issued: 04/13/26

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