



PRODUCT INFORMATION

025DT0027240SC

Item #: S8976360

TC RESISTANT DT FSC/272 ULTRA REMOVABLE ADH/40 SC LINER

Approximate weight per MMSI: 218 lbs. Standard core size is 3 inches. Total caliper: 6 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

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
Caliper - Calculated	mils	0.5	um(micrometer)	13.0	
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-MD	grams	34.0	mN	333.4	TAPPI T414
Tear-CD	grams	39.0	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40.0	kN/m	7.0	TAPPI T494
Tensile-CD	lb/inch	17.1	kN/m	3.0	TAPPI T494

Issued: 07/03/24

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