



PRODUCT INFORMATION

25DTE0075740SC

Item #: S9254160

TC RESISTANT DT FSC/TACKIFIED PERM ADH/40 SC LINER

Approximate weight per MMSI: 221 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

FACESTOCK

A 49# (72.5 g/m²), no phenols added, 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)	49.0	grams/sq meter	72.5	TAPPI T410
Caliper - Average	mil	3	um (micrometer)	76.2	TAPPI T411
Smoothness (PPS) Print Side	um	1.5	um	1.5	TAPPI T555
Tear-MD	grams	50.0	mN	490.3	TAPPI T414
Tensile-CD	lb/inch	17.1	kN/m	3.0	TAPPI T494
Stiffness-MD	Gurley (mg)	91.8	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	40.8	mN	.4	TAPPI T543
Brightness	%	92.0	%	92.0	TAPPI T452
Initial Activation Temp	F	187	C	86	ISO 1924
Effective Activation Temp	F	219	C	104	ISO 1924
Optimum Activation Temp	F	228	C	109	ISO 1924

ADHESIVE

A permanent acrylic adhesive with an aggressive bond to many surfaces, including low-energy plastics and corrugated. Harder adhesive for clean converting. 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	0.7	um(micrometer)	17.7	
Shear (1 x 1/2 x 1 kg)	hours	5.2	hours	5.2	CPD-55
Peel - 180 D SS 20 min	lb/inch	2.32	grams/25 mm	1035.8	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.5	grams/25 mm	678.6	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.8	grams/25 mm	803.6	CPD-52
Peel - 180 D Glass 20 min	lb/inch	2.2	grams/25 mm	991.1	CPD-52
Loop Tack Stain Steel	oz/sq inch	43	kg/645 sq mm	1.2	CPD-16
Loop Tack HDPE	oz/sq inch	41.0	kg/645 sq mm	1.1	CPD-16
Loop Tack LDPE	oz/sq inch	44	kg/645 sq mm	1.2	CPD-16
Loop Tack Corrugated	oz/sq inch	15.2	kg/645 sq mm	.4	CPD-16
Loop Tack Glass	oz/sq inch	33.0	kg/645 sq mm	.9	CPD-16
Min. App. Temp.	F	32	C	0	
Service Temp.	F	-58 TO 199	C	-50 TO 93	

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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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