



PRODUCT INFORMATION

24DTE0075740SC

Item #: S9249379

TC RESISTANT DT FSC/757 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 218 lbs. Standard core size is 3 inches. Total caliper: 6 mils +/- 10%

FACESTOCK

A 50# (74 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)	50.0	grams/sq meter	74.0	TAPPI T410
Caliper - Average	mil	2.9	um (micrometer)	73.7	TAPPI T411
Smoothness (PPS) Print Side	um	1.2	um	1.2	TAPPI T555
Tear-MD	grams	40.0	mN	392.3	TAPPI T414
Tensile-CD	lb/inch	14.9	kN/m	2.6	TAPPI T494
Stiffness-MD	Gurley (mg)	91.8	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	40.8	mN	.4	TAPPI T543
Brightness UV Excl	%	82	%		Tappi T571
Initial Activation Temp	F	199	C	93	ISO 1924
Effective Activation Temp	F	235	C	113	ISO 1924
Optimum Activation Temp	F	241	C	116	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)	17.3	
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	1.52	grams/25 mm	678.6	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.80	grams/25 mm	803.6	CPD-52
Peel - 180 D Glass 20 min	lb/inch	2.22	grams/25 mm	991.1	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	*PT	grams/25 mm		CPD-52
Loop Tack Stain Steel	oz/sq inch	43.0	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	44.0	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	
FDA Compliance	21 CFR	175.105			

Notes

* Corrugated Tear during Peel Test. No numerical value.

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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	%	60.0	%	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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