



PRODUCT INFORMATION

22TDE0072040SC

Item #: S9289360

HIGH SENSITIVITY DT FSC/720 ALL TEMP ADHESIVE/40SC LINER

Approximate weight per MMSI: 228 lbs. Standard core size is 3 inches. Total caliper: 6.2 mils +/- 10%

FACESTOCK

A 51# (74 g/m²), no phenols added, top coated direct thermal paper ideal for more demanding applications and higher imaging speeds. 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	3.2	um (micrometer)	81.3	TAPPI T411
Smoothness (PPS) Print Side	um	1.3	um	1.3	TAPPI T555
Tear-MD	grams	43.0	mN	421.7	TAPPI T414
Tensile-CD	lb/inch	16.0	kN/m	2.8	TAPPI T494
Stiffness-MD	Gurley (mg)	91.8	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	40.8	mN	.4	TAPPI T543
Brightness	%	82.0	%	82.0	TAPPI T452
Initial Activation Temp	F	185	C	85	ISO 1924
Effective Activation Temp	F	223	C	106	ISO 1924
Optimum Activation Temp	F	230	C	110	ISO 1924

ADHESIVE

A soft, general purpose, all-temperature acrylic adhesive for paper and film labels. Adheres to a variety of packages in a broad range of temperatures. Meets the TLMI Recycling Protocol TLMI-LRP-2 for paper recycling compatibility.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Shear (1 x 1/2 x 1 kg)	hours	.2	hours	.2	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.5	grams/25 mm	669.7	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.0	grams/25 mm	446.5	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.1	grams/25 mm	491.1	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.7	grams/25 mm	759.0	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.6	grams/25 mm	267.9	CPD-52
Loop Tack Stain Steel	oz/sq inch	44	kg/645 sq mm	1.2	CPD-16
Loop Tack HDPE	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Loop Tack LDPE	oz/sq inch	29	kg/645 sq mm	.8	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Min. App. Temp.	F	-20	C	-29	
Service Temp.	F	-65 TO 180	C	-54 TO 82	
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)	41.0	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

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