



022PD0758M40SC

Item #: S8897252

3.4MIL PACKAGE DELIV DT/758M PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 230 lbs. Standard core size is 3 inches. Total caliper: 6.5 mils +/- 10%

FACESTOCK

A 50# (74 g/m²) direct thermal paper top-coated for handling durability. Near IR-designed for package delivery applications. PCS and scanning up to 670 nm. Also for high-heat environments. Resists imaging up to 100°C. Offers moderate to fast print speeds.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	49.8	grams/sq meter	73.7	TAPPI T410
Caliper - Average	mil	3.4	um (micrometer)	86.4	TAPPI T411
Opacity	%	93	%	93.0	TAPPI T425
Smoothness (PPS) Print Side	um	1.6	um	1.6	TAPPI T555
Tear-MD	grams	43	mN	421.7	TAPPI T414
Tear-CD	grams	44	mN	431.5	TAPPI T414
Tensile-MD	lb/inch	32	kN/m	5.6	TAPPI T494
Tensile-CD	lb/inch	16	kN/m	2.8	TAPPI T494
Stiffness-MD	Gurley (mg)	90	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	40	mN	.4	TAPPI T543
Initial Activation Temp	F	270	C	132	ISO 1924
Optimum Activation Temp	F	300	C	149	ISO 1924

Notes

<http://gbp.com/coated-direct-thermal-ink-recommendations>

ADHESIVE

An acrylic general purpose permanent adhesive with great die-cutting and stripping properties. Adheres well to many substrates, including corrugated.

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	1.3	hours	1.3	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.582	grams/25 mm	706.3	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.4	grams/25 mm	625.0	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.318	grams/25 mm	588.4	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.676	grams/25 mm	748.3	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.83	grams/25 mm	370.6	CPD-52
Loop Tack Stain Steel	oz/sq inch	38	kg/645 sq mm	1.1	CPD-16
Loop Tack HDPE	oz/sq inch	23	kg/645 sq mm	.6	CPD-16
Loop Tack LDPE	oz/sq inch	20	kg/645 sq mm	.6	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Loop Tack Glass	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Min. App. Temp.	F	35	C	2	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
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	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

Issued: 11/28/20

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