



084MB0027840SC

Item #: S8872160

84 MICRON SYNTHETIC DT/278 ULTRA REMOVABLE ADH/40 SC LINER
Approximate weight per MMSI: 211 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

FACESTOCK

A 3.3 mil BOPP direct thermal film. Top coated for durability. Medium degree of sensitivity. Use when moisture and environmental resistance are important. Good stiffness for ease of dispensing. Dark image for excellent ability to be read and scanned.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	45.9	grams/sq meter	67.9	TAPPI T410
Caliper - Average	mil	3.3	um (micrometer)	83.8	TAPPI T411
Smoothness (PPS) Print Side	um	1.3	um	1.3	TAPPI T555
Tear-MD	grams	26	mN	255.0	TAPPI T414
Tear-CD	grams	15	mN	147.1	TAPPI T414
Tensile-MD	lb/inch	22.25	kN/m	3.9	TAPPI T494
Tensile-CD	lb/inch	22.25	kN/m	3.9	TAPPI T494
Stiffness-MD	Gurley (mg)	46	mN	.5	TAPPI T543
Stiffness-CD	Gurley (mg)	67	mN	.7	TAPPI T543
Brightness	%	90.0	%	90.0	TAPPI T452
Initial Activation Temp	F	162	C	72	ISO 1924
Effective Activation Temp	F	190	C	88	ISO 1924
Optimum Activation Temp	F	207	C	97	ISO 1924
Area Yield	sq in/lb	10349	sq m/kg	14.8	ASTM E252

Notes

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

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ADHESIVE

Ultra-removable paper microsphere adhesive. Adheres to, and removes cleanly from, a variety of substrates. Perfect for kiddie stickers, and short-term labeling such as price marking, promotions, and logistics.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.4	um(micrometer)	10.8	
Peel - 180 D SS 20 min	lb/inch	.235	grams/25 mm	104.9	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	.166	grams/25 mm	74.1	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	.211	grams/25 mm	94.2	CPD-52
Peel - 180 D Glass 20 min	lb/inch	.140	grams/25 mm	62.5	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	7	kg/645 sq mm	.2	CPD-16
Loop Tack HDPE	oz/sq inch	7	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	2	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.

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	25.2	grams/sq meter	41	TAPPI T410
Caliper - Average	mil	2.4	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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