



**023VA0758M40SC**

**Item #: S8198260**

023VT OPAQUE/758M PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 239 lbs. Standard core size is 3 inches. Total caliper: 6.25 mils +/- 10%

**FACESTOCK**

A 50# (74 g/m<sup>2</sup>) top coated direct thermal paper with a gray opaque coating. Facer has a brighter shade, and good environmental resistance for weigh scales using standard print speeds.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	51.5	grams/sq meter	76.2	TAPPI T410
Caliper - Average	mil	3.15	um (micrometer)	80.0	TAPPI T411
Opacity	%	99	%	99.0	TAPPI T425
Tear-MD	grams	45	mN	441.3	TAPPI T414
Tear-CD	grams	47	mN	460.9	TAPPI T414
Stiffness-MD	Gurley (mg)	101	mN	1.0	TAPPI T543
Brightness	%	87	%	87.0	TAPPI T452
Initial Activation Temp	F	190	C	88	ISO 1924
Effective Activation Temp	F	223	C	106	ISO 1924
Optimum Activation Temp	F	248	C	120	ISO 1924

**Notes**

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

**ADHESIVE**

A tackified acrylic general purpose permanent with great die-cutting and stripping properties, even on wide web applications. Excellent adhesion to many substrates, especially 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/m<sup>2</sup>) with excellent point-to-point caliper control.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500	40.6	grams/sq meter	66.2	TAPPI T410
Caliper - Average	mil	2.4	um (micrometer)	61.0	TAPPI T411
Gloss	% @ 75 degrees	57	% @ 75 degrees	57.0	TAPPI T480
Opacity	%	60	%	60.0	TAPPI T425
Tear-MD	grams	35	mN	343.2	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
Brightness	%	76	%		TAPPI T452

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