



**023VT0053140SC**

**Item #: S7841360**

VALUE TC DIRECT THERMAL/531 REMOVABLE ADHESIVE/40 SC LINER

Approximate weight per MMSI: 237 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

**FACESTOCK**

A 50# (74 g/m<sup>2</sup>) top coated grade, with a brighter shade, and good environmental resistance for weigh scale using standard print speeds.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	50.4	grams/sq meter	74.6	TAPPI T410
Caliper - Average	mil	3.1	um (micrometer)	78.7	TAPPI T411
Smoothness (PPS) Print Side	um	1.0	um	1.0	TAPPI T555
Tear-MD	grams	43	mN	421.7	TAPPI T414
Tear-CD	grams	44	mN	431.5	TAPPI T414
Stiffness-MD	Gurley (mg)	90	mN	.9	TAPPI T543
Brightness	%	83	%	83.0	TAPPI T452
Initial Activation Temp	F	190	C	88	ISO 1924
Effective Activation Temp	F	232	C	111	ISO 1924
Optimum Activation Temp	F	275	C	135	ISO 1924

**Notes**

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

**ADHESIVE**

An economical moderate removable acrylic adhesive with long-term stability. A versatile removable. Compatible with a wide variety of substrates.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.6	um(micrometer)	15.6	
Shear (1 x 1/2 x 1 kg)	hours	2.6	hours	2.6	CPD-55
Peel - 180 D SS 20 min	lb/inch	0.30	grams/25 mm	133.9	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	0.35	grams/25 mm	156.3	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	0.45	grams/25 mm	200.9	CPD-52
Peel - 180 D Glass 20 min	lb/inch	0.25	grams/25 mm	111.6	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	0.90	grams/25 mm	401.8	CPD-52
Loop Tack Stain Steel	oz/sq inch	24	kg/645 sq mm	.7	CPD-16
Loop Tack HDPE	oz/sq inch	18	kg/645 sq mm	.5	CPD-16
Loop Tack LDPE	oz/sq inch	13	kg/645 sq mm	.4	CPD-16
Loop Tack Corrugated	oz/sq inch	7	kg/645 sq mm	.2	CPD-16
Loop Tack Glass	oz/sq inch	13	kg/645 sq mm	.4	CPD-16
Min. App. Temp.	F	40	C	4	
Service Temp.	F	1 TO 140	C	-17 TO 60	
FDA Compliance	21 CFR	175.105			

**Notes**

This adhesive is not intended for layflat applications.

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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	41	grams/sq meter	66.8	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

Issued: 04/26/18

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