



**023VT0780S40SC**

**Item #: S8247860**

VALUE TC DIRECT THERMAL/RECYCLING PET ADHESIVE/40 SC LINER

Approximate weight per MMSI: 238 lbs. Standard core size is 3 inches. Total caliper: 6.2 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**

A general-purpose adhesive for refrigerated and shelf-stable foods. With certain facers, conforms to the Association of Postconsumer Plastic Recyclers' protocol used by Canadian retailers for recycling PET thermoform containers.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.7	um(micrometer)	17.3	
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
Loop Tack Stain Steel	oz/sq inch	38	kg/645 sq mm	1.1	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			

**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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