



023VT0027540SC

Item #: S8731560

VALUE TC DIRECT THERMAL/275 ULTRA REMOVABLE ADH/40 SC LINER

Approximate weight per MMSI: 232 lbs. Standard core size is 3 inches. Total caliper: 6 mils +/- 10%

FACESTOCK

A 50# (74 g/m²) 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 exceptionally strong microsphere adhesive with good clean removal and multiple reposition properties. Works in many applications, including corrugated and plastics. Not recommended for small label or flood coat applications.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.5	um(micrometer)	13.0	
Shear (1 x 1/2 x 1 kg)	hours	.2	hours	.2	CPD-55
Peel - 180 D SS 20 min	lb/inch	.201	grams/25 mm	89.7	CPD-52
Peel - 180 D Glass 20 min	lb/inch	.116	grams/25 mm	51.8	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.174	grams/25 mm	77.7	CPD-52
Loop Tack Stain Steel	oz/sq inch	9.73	kg/645 sq mm	.3	CPD-16
Loop Tack HDPE	oz/sq inch	4.0	kg/645 sq mm	.1	CPD-16
Loop Tack LDPE	oz/sq inch	4.7	kg/645 sq mm	.1	CPD-16
Loop Tack Corrugated	oz/sq inch	1.7	kg/645 sq mm	.0	CPD-16
Loop Tack Glass	oz/sq inch	3.0	kg/645 sq mm	.1	CPD-16
Min. App. Temp.	F	35	C	2	
Service Temp.	F	20 TO 120	C	-7 TO 49	
FDA Compliance	21 CFR	175.105			

Notes

Some streaking is normal with 275. Therefore, it is not recommended for small label or flood coat applications. We will honor claims if streaks are wider than 3/16 in.; or multiple smaller streaks spaced less than 3 in. apart. This adhesive is not intended for layflat applications.

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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	2.4	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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