



PRODUCT INFORMATION

025DT0027541WK

Item #: S9155360

TC RESISTANT DT FSC/275 ULTRA REMOVABLE ADH/41# WHITE KRAFT LINER

Approximate weight per MMSI: 213 lbs. Standard core size is 3 inches. Total caliper: 6.2 mils +/- 10%

FACESTOCK

A 47# (70 g/m²) top coated direct thermal paper. Resistant to moisture, oil and heat. Also has plasticizer resistance at room temperature. Ideal for weigh scale labels, pharmacy, shipping and warehousing applications. FSC®-certified paper.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	47.2	grams/sq meter	69.9	TAPPI T410
Caliper - Average	mil	3.1	um (micrometer)	78.7	TAPPI T411
Smoothness (PPS) Print Side	um	1.4	um	1.4	TAPPI T555
Tear-MD	grams	45	mN	441.3	TAPPI T414
Tensile-MD	lb/inch	37	kN/m	6.5	TAPPI T494
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494
Stiffness-MD	Gurley (mg)	90	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	35	mN	.3	TAPPI T543
Brightness	%	84	%	84.0	TAPPI T452
Initial Activation Temp	F	185	C	85	ISO 1924
Effective Activation Temp	F	230	C	110	ISO 1924
Optimum Activation Temp	F	300	C	149	ISO 1924

Notes

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

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ADHESIVE

Most universal acrylic microsphere adhering to corrugated, glass, metal, and plastics. No residue on glass or credit cards. Repositionable. Not recommended for small labels, or flood coated applications. Repulpable when applied to paper face stocks.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.4	um(micrometer)	10.1	
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.

LINER

A premium, 41# (66 g/m²) white kraft liner that is designed for roll-to-roll and fan-fold applications. Outstanding performance die cutting both paper and film.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/24X36-500 (3000 Sq Ft)	40.5	grams/sq meter	66.0	TAPPI T410
Caliper - Average	mil	2.7	um (micrometer)	68.6	TAPPI T411
Tear-MD	grams	46.9	mN	459.9	TAPPI T414
Tear-CD	grams	54.0	mN	529.6	TAPPI T414
Tensile-MD	lb/inch	32.0	kN/m	5.6	TAPPI T494
Tensile-CD	lb/inch	14.3	kN/m	2.5	TAPPI T494

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