



# PRODUCT INFORMATION

**022TD0027541WK**

**Item #: S9156860**

HI SENSITIVITY DT FSC/275 ULTRA REMOVABLE ADH/41# WHITE KRAFT LINER  
Approximate weight per MMSI: 226 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

## FACESTOCK

A 53# (78 g/m<sup>2</sup>) top coated direct thermal coated paper for more demanding applications and higher imaging speeds.  
FSC®-certified paper.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	52.8	grams/sq meter	78.1	TAPPI T410
Caliper - Average	mil	3.0	um (micrometer)	76.2	TAPPI T411
Smoothness (PPS) Print Side	um	.9	um	.9	TAPPI T555
Tear-MD	grams	43	mN	421.7	TAPPI T414
Tear-CD	grams	44	mN	431.5	TAPPI T414
Tensile-MD	lb/inch	32	kN/m	5.6	TAPPI T494
Tensile-CD	lb/inch	16	kN/m	2.8	TAPPI T494
Stiffness-MD	Gurley (mg)	90	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	40	mN	.4	TAPPI T543
Brightness	%	83.0	%	83.0	TAPPI T452
Initial Activation Temp	F	171	C	77	ISO 1924
Effective Activation Temp	F	190	C	88	ISO 1924
Optimum Activation Temp	F	244	C	118	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/m<sup>2</sup>) 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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