



050HS0061140SC

Item #: S7848460

HI SPEED THERMAL TRANSFR/WATER DISSOLVABLE ADH/40 SC LINER

Approximate weight per MMSI: 222 lbs. Standard core size is 3 inches. Total caliper: 6 mils +/- 10%

FACESTOCK

47# (70 g/m²) premium bright white, coated, ultra-smooth thermal transfer paper stock offering ribbon compatibility.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	47.3	grams/sq meter	70.0	TAPPI T410
Caliper - Average	mil	2.9	um (micrometer)	73.7	TAPPI T411
Opacity	%	88	%	88.0	TAPPI T425
Smoothness-Felt Side	Sheffield Units	25	Sheffield Units	25.0	TAPPI T538
Smoothness (PPS) Print Side	um	2.0	um	2.0	TAPPI T555
Tear-MD	grams	42	mN	411.9	TAPPI T414
Tear-CD	grams	40	mN	392.3	TAPPI T414
Tensile-MD	lb/inch	26	kN/m	4.6	TAPPI T494
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494
Brightness	%	85	%	85.0	TAPPI T452

ADHESIVE

A water dissolvable adhesive. It adheres to, and washes away from, many substrates including most plastics, stainless steel and glass. Combined with the dissolvable facer, H2ODP, the label disappears in 30 seconds. Can be used with other face stocks.

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	0.1	hours	.1	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.59	grams/25 mm	709.9	CPD-52
Loop Tack Stain Steel	oz/sq inch	8.2	kg/645 sq mm	.2	CPD-16
Min. App. Temp.	F	21	C	-6	
Service Temp.	F	-40 TO 172	C	-40 TO 78	
FDA Compliance	21 CFR	175.105			

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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