



**040PL0050840SC**

**Item #: S9936160**

40# PHARMA SEMI GLOSS/508 PERMANENT ADHESIVE/40 SC LINER  
Approximate weight per MMSI: 211 lbs. Standard core size is 3 inches. Total caliper: 5.1 mils +/- 10%

**FACESTOCK**

40# (60 g/m<sup>2</sup>) lightweight C1S semi-gloss litho with good ink holdout. Candidate for pharmaceutical and nutritional labeling.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	40.5	grams/sq meter	59.9	TAPPI T410
Caliper - Average	mil	2.0	um (micrometer)	50.8	TAPPI T411
Moisture	%	5.0	%	5.0	TAPPI T412
Opacity	%	80	%	80.0	TAPPI T425
Smoothness (PPS) Print Side	um	1.0	um	1.0	TAPPI T555
Tear-MD	grams	35.7	mN	350.1	TAPPI T414
Tear-CD	grams	36.7	mN	359.9	TAPPI T414
Tensile-MD	lb/inch	22.9	kN/m	4.0	TAPPI T494
Tensile-CD	lb/inch	12.0	kN/m	2.1	TAPPI T494
Brightness	%	90.0	%	90.0	TAPPI T452

**ADHESIVE**

A hard, dry edge and heat resistant acrylic emulsion. Resistance to wing-up for small diameter applications. Very repositionable.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.7	um(micrometer)	18.7	
Shear (1 x 1/2 x 1 kg)	hours	0.6+	hours	.6	CPD-55
Peel - 180 D SS 20 min	lb/inch	2.4	grams/25 mm	1071.5	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	.80	grams/25 mm	357.2	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.1	grams/25 mm	491.1	CPD-52
Peel - 180 D Glass 20 min	lb/inch	2.2	grams/25 mm	982.2	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	1.3	grams/25 mm	580.4	CPD-52
Loop Tack Stain Steel	oz/sq inch	41	kg/645 sq mm	1.1	CPD-16
Loop Tack HDPE	oz/sq inch	22	kg/645 sq mm	.6	CPD-16
Loop Tack LDPE	oz/sq inch	16	kg/645 sq mm	.4	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Loop Tack Glass	oz/sq inch	45	kg/645 sq mm	1.3	CPD-16
Min. App. Temp.	F	45	C	7	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
FDA Compliance	21 CFR	175.105			

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**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	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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