



020RX0050840SC

Item #: S9007560

3.2 MIL PHARMACY DT/508 PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 239 lbs. Standard core size is 3 inches. Total caliper: 6.4 mils +/- 10%

FACESTOCK

For labeling prescription bottles, this 54# (81 g/m²), top-coated paper face stock is resistant to chemicals, including hand sanitizers. It stands up to heat and humidity. Vital drug information remains legible under most handling and storage conditions.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	54.4	grams/sq meter	80.5	TAPPI T410
Caliper - Average	mil	3.3	um (micrometer)	83.8	TAPPI T411
Tear-MD	grams	43	mN	421.7	TAPPI T414
Tensile-MD	lb/inch	32	kN/m	5.6	TAPPI T494
Stiffness-MD	Gurley (mg)	90	mN	.9	TAPPI T543
Stiffness-CD	Gurley (mg)	45	mN	.4	TAPPI T543
Brightness	%	90	%	90.0	TAPPI T452
Initial Activation Temp	F	208	C	98	ISO 1924
Effective Activation Temp	F	234	C	112	ISO 1924
Optimum Activation Temp	F	300	C	149	ISO 1924

Notes

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

ADHESIVE

A hard, acrylic adhesive. Useful for prime label pharmaceutical (pill bottles). Good for curved surfaces greater than 1/2" diameter requiring mandrel hold. Offers some reposition time on low-energy plastics. Glove friendly.

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/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
Opacity	%	60	%	60.0	TAPPI T425
Tear-MD	grams	34	mN	333.4	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

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