



**054SG0050815PT**

**Item #: S8808560**

54# C1S SEMI GLOSS/508 PERMANENT ADHESIVE/1.5 MIL CLEAR PET LINER

Approximate weight per MMSI: 213 lbs. Standard core size is 3 inches. Total caliper: 4.72 mils +/- 10%

**FACESTOCK**

54# (80 g/m<sup>2</sup>) C1S bright blue-white semi-gloss. High strength property makes it ideal for wide web high-speed stripping and die-cutting. Smooth surface provides excellent printing with flexo, UV letterpress, laser, and offset methods.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	53.0	grams/sq meter	78.4	TAPPI T410
Caliper - Average	mil	2.6	um (micrometer)	66.0	TAPPI T411
Gloss	%	72.0	%	72.0	TAPPI T480
Opacity	%	87	%	87.0	TAPPI T425
Smoothness (PPS) Print Side	um	.8	um	.8	TAPPI T555
Tear-MD	grams	40	mN	392.3	TAPPI T414
Tear-CD	grams	48	mN	470.7	TAPPI T414
Tensile-MD	lb/inch	30	kN/m	5.3	TAPPI T494
Tensile-CD	lb/inch	15	kN/m	2.6	TAPPI T494
Brightness	%	89	%	89.0	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**

Clear polyester with an excellent surface for die-cutting and high speed automatic applications.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	1.42	um (micrometers)	36.1	ASTM D374
Tensile Film - MD	lb/sq inch	32000	kg/sq cm	2249.6	ASTM D882
Tensile Film - TD	lb/sq inch	32000	kg/sq cm	2249.6	ASTM D882
Elongation at Break - MD	%	110	%	110.0	ASTM D882
Elongation at Break - TD	%	110	%	110.0	ASTM D882
Haze	%	6.5	%	6.5	ASTM D1003
Shrinkage-MD	% 30 min @ 302 F	1.5	% 30 min @ 150 C	1.5	ISO 2469
Shrinkage-TD	% 30 min @ 302 F	.4	% 30 min @ 150 C	.4	ISO 2469
Area Yield	sq in/lb	13968	sq m/kg	20.0	ASTM E252

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