



# PRODUCT INFORMATION

**025PN0051550SC**

**Item #: S8131852**

2.5 ML CLEAR POLYSTYRENE/PERMANENT ADHESIVE/3.2 SCK

Approximate weight per MMSI: 235 lbs. Standard core size is 3 inches. Total caliper: 6.3 mils +/- 10%

### FACESTOCK

A 2.5 mil corona treated clear polystyrene. Stiffness allows easy converting and dispensing. Great for use as a mailing tab.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	2.5	um (micrometers)	63.5	ASTM D374
Gloss - Films	% @ 45 degrees	165	% @ 45 degrees	165.0	ASTM D2457
Tensile Film - MD	lb/sq inch	10500	kg/sq cm	738.2	ASTM D882
Tensile Film - TD	lb/sq inch	10500	kg/sq cm	738.2	ASTM D882
Elongation at Break - MD	%	45	%	45.0	ASTM D882
Elongation at Break - TD	%	35	%	35.0	ASTM D882
Haze	%	.7	%	.7	ASTM D1003
Area Yield	sq in/lb	10550	sq m/kg	15.1	ASTM D4321
1% Secant Modulus - MD	lb/sq inch	412500			ASTM D882
1% Secant Modulus - CD	lb/sq inch	400000			ASTM D882

### ADHESIVE

A permanent, acrylic adhesive that has good water whitening resistance and adheres well to low surface energy plastics. Good combination of quick tack and high shear makes it ideal for mailing tabs.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.6	um(micrometer)	15.8	
Shear (1 x 1/2 x 1 kg)	hours	13.8	hours	13.8	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.1	grams/25 mm	491.1	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	.6	grams/25 mm	267.9	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	.5	grams/25 mm	223.2	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.5	grams/25 mm	669.7	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	1.0	grams/25 mm	446.5	CPD-52
Loop Tack Stain Steel	oz/sq inch	33	kg/645 sq mm	.9	CPD-16
Loop Tack HDPE	oz/sq inch	18	kg/645 sq mm	.5	CPD-16
Loop Tack LDPE	oz/sq inch	13	kg/645 sq mm	.4	CPD-16
Loop Tack Corrugated	oz/sq inch	9	kg/645 sq mm	.3	CPD-16
Loop Tack Glass	oz/sq inch	38	kg/645 sq mm	1.1	CPD-16
Min. App. Temp.	F	40	C	4	
Service Temp.	F	-40 TO 250	C	-40 TO 121	
FDA Compliance	21 CFR	175.105			

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### LINER

A white densified kraft sheet 53# (86 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 (3000 Sq Ft)	53.5	grams/sq meter	87.2	TAPPI T410
Caliper - Average	mil	3.2	um (micrometer)	81.3	TAPPI T411
Opacity	%	70.0	%	70.0	TAPPI T425
Tear-MD	grams	46.0	mN	451.1	TAPPI T414
Tear-CD	grams	55.0	mN	539.4	TAPPI T414
Tensile-MD	lb/inch	52.0	kN/m	9.1	TAPPI T494
Tensile-CD	lb/inch	24.0	kN/m	4.2	TAPPI T494
Brightness	%	78.0	%	78.0	TAPPI T452

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