



**025PN0051550SC**

**Item #: S8131852**

2.5 ML CLEAR POLYSTYRENE/515 PERMANENT ADHESIVE/3.2 ML WHITE KRAFT LINER  
Approximate weight per MMSI: 247 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 degress	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, non-tackified, acrylic emulsion 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
Loop Tack Stain Steel	oz/sq inch	33	kg/645 sq mm	.9	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			

**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	54.5	grams/sq meter	88.8	TAPPI T410
Caliper - Average	mil	3.2	um (micrometer)	81.3	TAPPI T411
Opacity	%	72	%	72.0	TAPPI T425
Tear-MD	grams	42	mN	411.9	TAPPI T414
Tear-CD	grams	44	mN	431.5	TAPPI T414
Tensile-MD	lb/inch	49	kN/m	8.6	TAPPI T494
Tensile-CD	lb/inch	22	kN/m	3.9	TAPPI T494

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