



**057HG0010312NB**

**Item #: S8874560**

57# CAST COATED HI GLOSS/103 PERMANENT ADHESIVE/1.2 MIL PET NO BACK COAT  
Approximate weight per MMSI: 208 lbs. Standard core size is 3 inches. Total caliper: 5.6 mils +/- 10%

**FACESTOCK**

57# (85 g/m<sup>2</sup>) high-gloss sheet with a smooth, reflective surface designed for top-quality graphic reproduction.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	57.4	grams/sq meter	85.0	TAPPI T410
Caliper - Average	mil	3.7	um (micrometer)	94.0	TAPPI T411
Gloss	% @ 75 degrees	90	% @ 75 degrees	90.0	TAPPI T480
Opacity	%	90	%	90.0	TAPPI T425
Smoothness (PPS) Print Side	um	.5	um	.5	TAPPI T555
Tear-MD	grams	37.7	mN	369.7	TAPPI T414
Tear-CD	grams	44.3	mN	434.4	TAPPI T414
Tensile-MD	lb/inch	37.1	kN/m	6.5	TAPPI T494
Tensile-CD	lb/inch	13.7	kN/m	2.4	TAPPI T494
Brightness	%	87.0	%	87.0	TAPPI T452

**ADHESIVE**

A high performance prime label acrylic adhesive with excellent clarity and adhesion to low energy surfaces, along with outstanding wet-out.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.7	um(micrometer)	17.3	
Shear (1 x 1/2 x 1 kg)	hours	2.4	hours	2.4	CPD-55
Peel - 180 D SS 20 min	lb/inch	2.3	grams/25 mm	1026.8	CPD-52
Loop Tack Stain Steel	oz/sq inch	50	kg/645 sq mm	1.4	CPD-16
Min. App. Temp.	F	40	C	4	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
FDA Compliance	21 CFR	175.105			

**LINER**

Clear polyester with an excellent surface for die-cutting. Great strength for high speed converting and application.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	1.2	um (micrometers)	30.5	ASTM D374
Tensile Film - MD	lb/sq inch	32,000	kg/sq cm	2249.6	ASTM D882
Tensile Film - TD	lb/sq inch	32,000	kg/sq cm	2249.6	ASTM D882
Elongation at Break - MD	%	130	%	130.0	ASTM D882
Elongation at Break - TD	%	100	%	100.0	ASTM D882
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
Elastic Modulus - MD	lb/sq inch	550,000	kg/sq cm	38665.0	ASTM D882
Elastic Modulus - TD	lb/sq inch	550,000	kg/sq cm	38665.0	ASTM D882
Area Yield	sq in/lb	16,805	sq m/kg	24.0	ASTM E252

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