



**018MT0075112NB**

**Item #: S9138860**

1.85MIL METALIZED TCBOPP/751 PERMANENT ADHESIVE/1.2 MIL PET NO BACK COAT  
Approximate weight per MMSI: 148 lbs. Standard core size is 6 inches. Total caliper: 3.75 mils +/- 10%

**FACESTOCK**

A 1.85 mil clear BOPP metalized on the back for durability. Top coated for print compatibility with water-based and UV flexo, and UV inkjet. Great stiffness for automatic application. Ideal for bright label graphics that will catch the eye of the consumer

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (330)	28.8	grams/sq meter	42.6	TAPPI T410
Caliper Average (Films)	mils	1.85	um (micrometers)	47.0	ASTM D374
Elongation at Break - MD	%	180	%	180.0	ASTM D882
Elongation at Break - TD	%	55	%	55.0	ASTM D882
Area Yield	sq in/lb	16083.9	sq m/kg	23.0	ASTM E252

**ADHESIVE**

A paper and film compatible acrylic with good adhesion to many substrates. Excellent die-cutting and stripping. Exceptional mandrel hold.

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	18	hours	18.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	2.1	grams/25 mm	937.5	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.7	grams/25 mm	759.0	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	2.1	grams/25 mm	937.5	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.7	grams/25 mm	759.0	CPD-52
Loop Tack Stain Steel	oz/sq inch	52	kg/645 sq mm	1.5	CPD-16
Loop Tack HDPE	oz/sq inch	41	kg/645 sq mm	1.1	CPD-16
Loop Tack LDPE	oz/sq inch	25	kg/645 sq mm	.7	CPD-16
Loop Tack Corrugated	oz/sq inch	10.7	kg/645 sq mm	.3	CPD-16
Loop Tack Glass	oz/sq inch	60	kg/645 sq mm	1.7	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			

**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
Haze	%	6.0	%	6.0	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
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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