



PRODUCT INFORMATION

VALUT0072012NB

Item #: S9178360

FSC-VALUE THERMAL TRANS/720 ALL-TEMP ADHESIVE/1.2 MIL PET NO BACK COAT
Approximate weight per MMSI: 174 lbs. Standard core size is 3 inches. Total caliper: 4.6 mils +/- 10%

FACESTOCK

A 42# (62 g/m²) top-coated, thermal transfer sheet that offers high performance at a lower cost. Strength and opacity are comparable to conventional thermal transfer facers. Exceptional print quality, especially for flood coating. FSC®-certified paper.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	41.8	grams/sq meter	61.9	TAPPI T410
Caliper - Average	mil	2.8	um (micrometer)	71.1	TAPPI T411
Gloss	%	12.0	%	12.0	TAPPI T480
Opacity	%	87.0	%	87.0	TAPPI T425
Smoothness (PPS) Print Side	um	2.2	um	2.2	TAPPI T555
Tear-MD	grams	42.0	mN	411.9	TAPPI T414
Tear-CD	grams	42.0	mN	411.9	TAPPI T414
Tensile-MD	lb/inch	26.3	kN/m	4.6	TAPPI T494
Tensile-CD	lb/inch	17.1	kN/m	3.0	TAPPI T494
Stiffness Taber-MD	gram cm/mN	140.0	gram cm/mN	140	TAPPI T543
Stiffness Taber -CD	gram cm/mN	90.0	gram cm/mN	90	TAPPI T543
Brightness	%	86.0	%	86.0	TAPPI T452

ADHESIVE

A soft, general purpose, all-temperature acrylic adhesive for paper and film labels. Adheres to a variety of packages in a broad range of temperatures. Meets the TLMI Recycling Protocol TLMI-LRP-2 for paper recycling compatibility.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.6	um(micrometer)	16.3	
Shear (1 x 1/2 x 1 kg)	hours	.2	hours	.2	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.5	grams/25 mm	669.7	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.0	grams/25 mm	446.5	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	1.7	grams/25 mm	759.0	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.6	grams/25 mm	267.9	CPD-52
Loop Tack Stain Steel	oz/sq inch	44	kg/645 sq mm	1.2	CPD-16
Loop Tack HDPE	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Loop Tack LDPE	oz/sq inch	29	kg/645 sq mm	.8	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Min. App. Temp.	F	-20	C	-29	
Service Temp.	F	-65 TO 180	C	-54 TO 82	
FDA Compliance	21 CFR	175.105			

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PRODUCT INFORMATION

LINER

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper Average (Films)	mils	1.200	um (micrometers)	30.5	ASTM D374
Tensile Film - MD	lb/sq inch	26300	kg/sq cm	1848.9	ASTM D882
Tensile Film - TD	lb/sq inch	28400	kg/sq cm	1996.5	ASTM D882
Haze	%	4	%	4.0	ASTM D1003

Issued: 04/04/25

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