



**VALUT0027740SC**

**Item #: S9130360**

VALUE THERMAL TRANSFER/MICROSPHERE ADHESIVE/40 SC LINER

Approximate weight per MMSI: 204 lbs. Standard core size is 3 inches. Total caliper: 5.7 mils +/- 10%

**FACESTOCK**

A 42# (62 g/m<sup>2</sup>) 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.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	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**

Ultra-removable microsphere adhesive for paper facers. Easy to remove from almost any substrate, including newspapers. Adheres to most smooth surfaces, even low-energy plastics. Designed for short-term labeling like promotions, logistics and pricing.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Caliper - Calculated	mils	0.5	um(micrometer)	11.5	
Peel - 180 D SS 20 min	lb/inch	.2	grams/25 mm	89.3	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	.3	grams/25 mm	116.1	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	.4	grams/25 mm	183.0	CPD-52
Loop Tack Stain Steel	oz/sq inch	1.7	kg/645 sq mm	.0	CPD-16
Loop Tack HDPE	oz/sq inch	4.5	kg/645 sq mm	.1	CPD-16
Loop Tack LDPE	oz/sq inch	4.1	kg/645 sq mm	.1	CPD-16
Min. App. Temp.	F	35	C	2	
Service Temp.	F	20 TO 120	C	-7 TO 49	
FDA Compliance	21 CFR	175.105			

**LINER**

A white densified kraft sheet 41# (67 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	41	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.4	um (micrometer)	61.0	TAPPI T411
Opacity	%	60	%	60.0	TAPPI T425
Tear-MD	grams	34	mN	333.4	TAPPI T414
Tear-CD	grams	39	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40	kN/m	7.0	TAPPI T494
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494

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