



**084MB0075140SC**

**Item #: S8862460**

84 MICRON SYN DIRET THER/751 PERMANENT ADHESIVE/40 SC LINER  
Approximate weight per MMSI: 219 lbs. Standard core size is 3 inches. Total caliper: 6.4 mils +/- 10%

**FACESTOCK**

A 3.3 mil BOPP direct thermal film. Top coated for durability. Medium degree of sensitivity. Use when moisture and environmental resistance are important. Good stiffness for ease of dispensing. Dark image for excellent ability to be read and scanned.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500	45.9	grams/sq meter	67.9	TAPPI T410
Caliper - Average	mil	3.3	um (micrometer)	83.8	TAPPI T411
Smoothness (PPS) Print Side	um	1.3	um	1.3	TAPPI T555
Tear-MD	grams	26	mN	255.0	TAPPI T414
Tear-CD	grams	15	mN	147.1	TAPPI T414
Tensile-MD	lb/inch	22.25	kN/m	3.9	TAPPI T494
Tensile-CD	lb/inch	22.25	kN/m	3.9	TAPPI T494
Stiffness-MD	Gurley (mg)	46	mN	.5	TAPPI T543
Stiffness-CD	Gurley (mg)	67	mN	6832.1	TAPPI T543
Brightness	%	90.0	%	90.0	TAPPI T452
Initial Activation Temp	F	162	C	72	ISO 1924
Effective Activation Temp	F	190	C	88	ISO 1924
Optimum Activation Temp	F	207	C	97	ISO 1924
Area Yield	sq in/lb	10349	sq m/kg	14.8	ASTM E252

**ADHESIVE**

A tackified acrylic with good adhesion to many substrates. Excellent die-cutting and stripping on wide web VIP applications. Good 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	18.0	hours	18.0	CPD-55
Peel - 180 D SS 20 min	lb/inch	2.1	grams/25 mm	937.5	CPD-52
Loop Tack Steel	oz/sq inch	52	kg/645 sq mm	1.5	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**

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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