



# PRODUCT INFORMATION

**25NTE0758M40SC**

**Item #: S9275352**

NTC DIRECT THERMAL FSC/758M PERMANENT ADHESIVE/40 SC LINER

Approximate weight per MMSI: 226 lbs. Standard core size is 3 inches. Total caliper: 6.3 mils +/- 10%

### FACESTOCK

A 49# (73 g/m<sup>2</sup>), no phenols added, medium sensitivity non-top coated direct thermal paper designed for short duration labels or applications where the label is not exposed to solvents, water, oils, fats or other similar materials.

FSC®-certified paper.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Basis Weight	lbs/25X38-500 (3300 Sq Ft)	49.5	grams/sq meter	73.3	TAPPI T410
Caliper - Average	mil	3.200	um (micrometer)	81.3	TAPPI T411
Smoothness (PPS) Print Side	um	1.9	um	1.9	TAPPI T555
Tear-MD	grams	50.0	mN	490.3	TAPPI T414
Tensile-CD	lb/inch	17	kN/m	3.0	TAPPI T494
Brightness UV Excl	%	80	%		Tappi T571
Initial Activation Temp	F	212	C	100	ISO 1924
Effective Activation Temp	F	272	C	133	ISO 1924
Optimum Activation Temp	F	300	C	149	ISO 1924

### ADHESIVE

An acrylic general purpose permanent adhesive with great die-cutting and stripping properties. Adheres well to many substrates, including corrugated.

Test Property	Units	Typical Value	Metric Units	Metric Value	Test Method
Shear (1 x 1/2 x 1 kg)	hours	1.3	hours	1.3	CPD-55
Peel - 180 D SS 20 min	lb/inch	1.582	grams/25 mm	706.3	CPD-52
Peel - 180 D HDPE 20 min	lb/inch	1.4	grams/25 mm	625.0	CPD-52
Peel - 180 D LDPE 20 min	lb/inch	1.318	grams/25 mm	588.4	CPD-52
Peel - 180 D Glass 20 min	lb/inch	1.676	grams/25 mm	748.3	CPD-52
Peel - 180 D Corrugated 20 min	lb/inch	.83	grams/25 mm	370.6	CPD-52
Loop Tack Stain Steel	oz/sq inch	38	kg/645 sq mm	1.1	CPD-16
Loop Tack HDPE	oz/sq inch	23	kg/645 sq mm	.6	CPD-16
Loop Tack LDPE	oz/sq inch	20	kg/645 sq mm	.6	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	.4	CPD-16
Loop Tack Glass	oz/sq inch	35	kg/645 sq mm	1.0	CPD-16
Min. App. Temp.	F	35	C	2	
Service Temp.	F	-65 TO 200	C	-54 TO 93	
FDA Compliance	21 CFR	175.105			

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### 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 (3000 Sq Ft)	41.0	grams/sq meter	66.8	TAPPI T410
Caliper - Average	mil	2.400	um (micrometer)	61.0	TAPPI T411
Opacity	%	60.0	%	60.0	TAPPI T425
Tear-CD	grams	39.0	mN	382.5	TAPPI T414
Tensile-MD	lb/inch	40.0	kN/m	7.0	TAPPI T494
Tensile-CD	lb/inch	17.1	kN/m	3.0	TAPPI T494

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