

**PRODUCT INFORMATION****GBNTE00ATP40SC****Item #: S9287360**

NTC DIRECT THERMAL FSC/ALL TEMP ADHESIVE/40 SC LINER

Approximate weight per MMSI: 219 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

FACESTOCKA 48# (71 g/m²), 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 solvent, 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)	48	grams/sq meter	71	TAPPI T410
Caliper - Average	mil	3.1	um (micrometer)	76.2	TAPPI T411
Tear – MD	grams	48	mN	471	TAPPI T414
Tear – CD	grams	53	mN	520	TAPPI T414
Tensile - MD	lb/inch	34	kN/m	6.0	TAPPI T494
Tensile - CD	lb/inch	14	kN/m	2.5	TAPPI T494
Stiffness – MD	mg	90	mN	1.0	TAPPI T543
Stiffness – CD	mg	45	mN	0.5	TAPPI T543

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
Shear (1 x ½ x 1kg)	hours	0.2	hours	0.2	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	496.5	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	lb/inch	0.6	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	0.8	CPD-16
Loop Tack Corrugated	oz/sq inch	14	kg/645 sq mm	0.4	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

A white densified kraft sheet 41# (67 g/m²) with excellent point-to-point 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	2.4	um (micrometer)	61.0	TAPPI T411
Opacity	%	60.0	%	60.0	TAPPI T425
Tear – MD	grams	34.0	mN	333.4	TAPPI T414
Tear – CD	grams	39.0	mN	382.5	TAPPI T414
Tensile - MD	lb/inch	40	kN/m	7.0	TAPPI T494
Tensile - CD	lb/inch	17.1	kN/m	3.0	TAPPI T494

Shelf life is 12 months from manufacture when held below 75°F (24°C) and 70% relative humidity. Product must be protected from exposure to UV light and sunlight.

Data is provided for informational purposes only.