



SPECIFICATION SHEET

This product specification sheet provides the detail to aid you in identifying the most appropriate product type to meet your company's specific requirements. Please direct questions to: **Ricoh Customer Service 1-800-843-7058**

DESCRIPTION

N150LA-2's direct thermal top coated label stock is ideal for high speed printing with superior barcode reliability. It has high sensitivity and offers excellent image resolution and superb head matching performance.

KEY FEATURES

Premium top-coated thermal paper; Higher image resolution & barcode reliability; High sensitivity; Highest heat resistance.

APPLICATION AREAS



Weigh Scale Labels



Meat Processing



Laboratory Labels



Product ID

FACESTOCK / PRESERVATION PROPERTIES

FACESTOCK PROPERTIES

ITEM		UNIT	SPECIFICATION	TEST METHOD
Basis Weight		lbs (24x36x500 sheets)	43.6 ± 5	TAPPI T-410
		g/m ²	71 ± 8	
Caliper		mil	3.0 ± 0.3	TAPPI T-411
		µm	76 ± 7	
Image Color			Black	Visual Check
Image Density	(ODU)	Minimum	1.30	X-Rite Densitometer
Tear Strength	MD	gf Minimum	30	TAPPI T-414
	CD	gf Minimum	35	
Tensile Strength	MD	kgf/15 mm Minimum	5.4	TAPPI T-494
	CD	kgf/15 mm Minimum	2.7	
Stiffness	MD	g-cm Minimum	3.0	TAPPI T-489
	CD	g-cm Minimum	2.5	
Initial Activation Temperature	(O.D. = 0.2)	°F / °C	248 / 120	
Effective Activation Temperature	(O.D. = 0.8)	°F / °C	266 / 130	

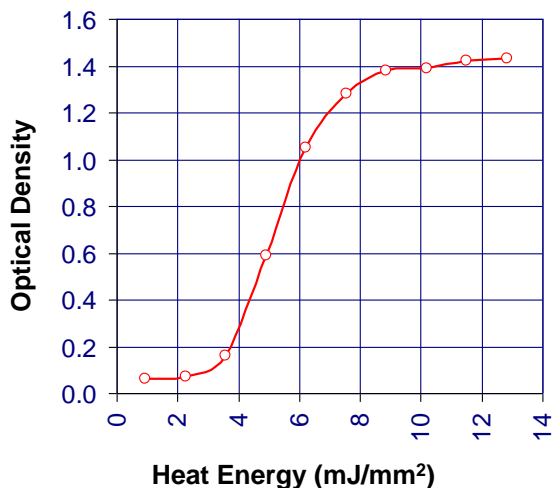
PRESERVATION PROPERTIES

ITEM	SPECIFICATION	TEST METHOD
Oil Resistance	Image	1.20 Minimum
	Background	0.15 Maximum
Moisture Resistance	Image	40° C, 90% RH, 24 Hours
	Background	X-Rite (ODU)
Heat Resistance	Image	1.20 Minimum
	Background	0.20 Maximum
Light Resistance	Image	100° C, Dry, 1 Hour
	Background	X-Rite (ODU)
Light Resistance	Image	5000 lx, 100 Hours
	Background	X-Rite (ODU)

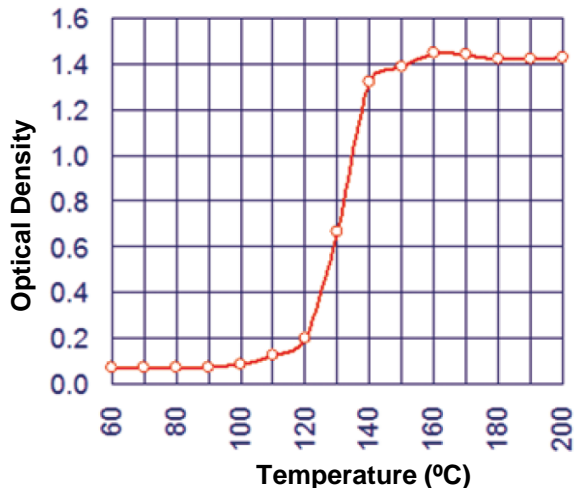


SENSITIVITY RESULTS

Dynamic Sensitivity



Static Sensitivity



Sensitivity curves are for reference only.

Storage Conditions: Below 95°F (35° C) and less than 85% R.H. in a warehouse, avoiding direct sunlight.

Tests performed on Markpoint MP104.

N150LA-2 – LAMINATED PRODUCT

GRADE	UNIT	G25
Application	°F	-40 to 122
Temperature	°C	-40 to 50
Service	°F	-65 to 131
Temperature	°C	-54 to 55
Basis Weight	lbs	95 ± 12
(24 x 36 x 500)	g/m ²	154 ± 19
Caliper	µm	148 ± 19
	mil	5.8 ± 0.7

Liner: 40 lbs
 Caliper: 2.5 mils ± 10% (64 ± 8 µm)
 Opacity: 65% Maximum (Photovolt)

Adhesive Attributes:
 G25 – Wide Temperature and Permanent

CERTIFICATES / REGULATIONS / DIRECTIVES

BPA Free No Added PFAS ISO9001 ISO14001 Indirect Food Contact

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