



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 BF is a 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 with BPS free formulation; Medium-high image resolution; Strong moisture, plasticizer, and water 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 ± 4.9	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	1.20	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	181 / 83	
Effective Activation Temperature	(O.D. = 0.8)	°F / °C	208 / 98	

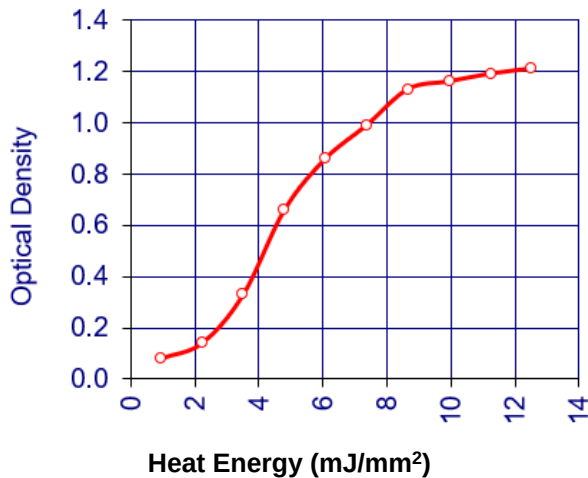
PRESERVATION PROPERTIES

ITEM		SPECIFICATION	TEST METHOD
Oil Resistance	Image	1.20 Minimum	40° C, Dry, 15 Hours
	Background	0.15 Maximum	X-Rite (ODU)
Moisture Resistance	Image	1.20 Minimum	40° C, 90% RH, 24 Hours
	Background	0.15 Maximum	X-Rite (ODU)
Heat Resistance	Image	1.20 Minimum	90° C, Dry, 1 Hour
	Background	0.30 Maximum	X-Rite (ODU)
Light Resistance	Image	1.20 Minimum	5000 lx, 100 Hours
	Background	0.15 Maximum	X-Rite (ODU)

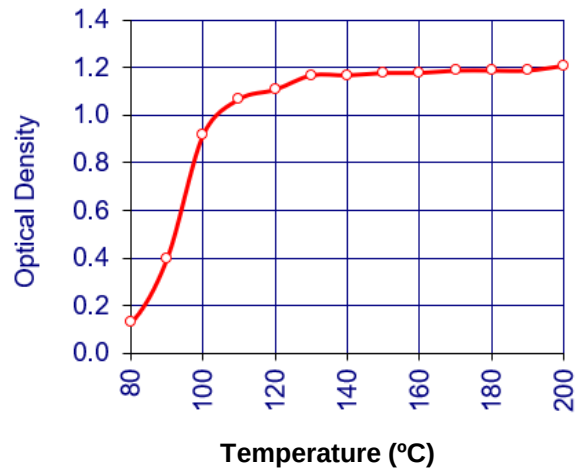


SENSITIVITY RESULTS

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 BF – 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

BPS Free

No Added PFAS

ISO9001

ISO14001

Indirect Food Contact

RICOH ELECTRONICS, INC. DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IN CONNECTION WITH THE CUSTOMER'S PURCHASE OF OUR PRODUCTS. IT IS CUSTOMER'S SOLE AND EXCLUSIVE RESPONSIBILITY TO TEST AND ENSURE SUITABILITY OF OUR PRODUCTS FOR ITS CUSTOMERS' OR END-USER'S APPLICATION.

CONTACT INFORMATION

Copyright 2024 Ricoh Electronics, Inc.
1125 Hurricane Shoals Rd.
Lawrenceville, GA 30043
All Rights Reserved

Company Info
ISO14001 / ISO9001 Certified

Customer Service Department
Toll-Free 1-800-843-7058
Toll-Free Fax 1-888-873-7059
Worldwide Fax +1-770-613-6478
Email: orders@rei.ricoh.com