



### 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 ± 4.9	TAPPI T-410
		g/m <sup>2</sup>	71 ± 8	
Caliper		mil	3.0 ± 0.3	TAPPI T-411
		µm	76 ± 8	
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	

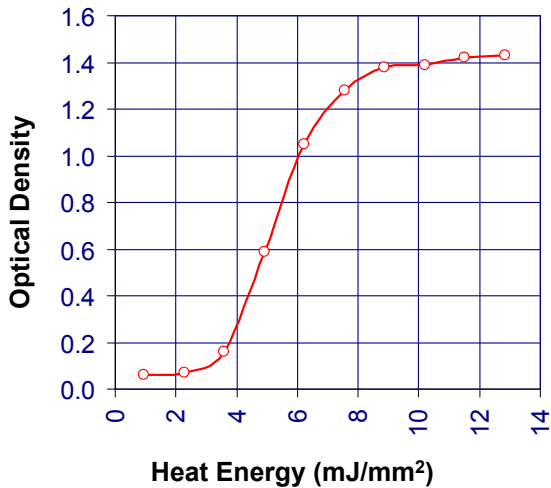
#### PRESERVATION PROPERTIES

ITEM	SPECIFICATION		TEST METHOD
Oil Resistance	Image	1.20 Minimum	40° C, Dry, 15 Hours X-Rite (ODU)
	Background	0.15 Maximum	
Moisture Resistance	Image	1.20 Minimum	40° C, 90% RH, 24 Hours X-Rite (ODU)
	Background	0.15 Maximum	
Heat Resistance	Image	1.20 Minimum	100° C, Dry, 1 Hour X-Rite (ODU)
	Background	0.20 Maximum	
Light Resistance	Image	1.20 Minimum	5000 lx, 100 Hours X-Rite (ODU)
	Background	0.15 Maximum	

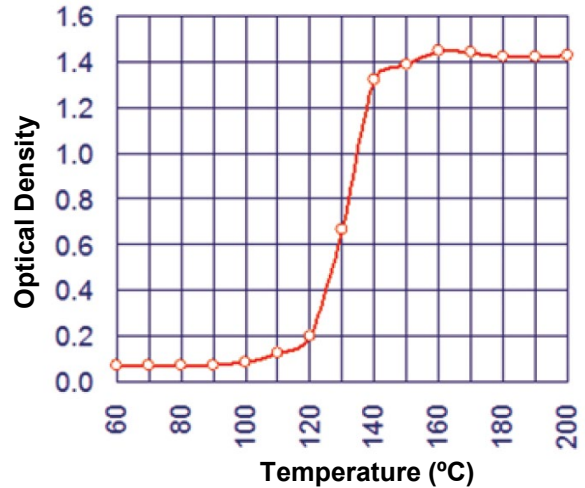


### SENSITIVITY RESULTS

#### 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 <sup>2</sup>	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	RoHS	ISO9001	Indirect Food Contact
REACH	WEEE	ISO14001	

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 2016 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](mailto:orders@rei.ricoh.com)