

## Ricoh Electronics, Inc.

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# RICOH

## THERMAL LABEL PAPER PRODUCT INFORMATION

# 130LA-4

### FACESTOCK

ITEM	SPECIFICATION	TEST METHOD
Basis Weight	44.2# ± 4.3 (24 x 36 x 500 Sheets)	TAPPI T-410
	72 ± 7 g/m <sup>2</sup>	
Caliper	3.1 Mils (79 ± 9 µm)	TAPPI T-411
Image Color	Black	VISUAL CHECK
Image Density (ODU)	1.25 Minimum	Macbeth Densitometer
Background Density (ODU)	0.10 Maximum	Macbeth Densitometer
Tear Strength	MD 30 gf Minimum	TAPPI T-414
	CD 35 gf Minimum	
Tensile Strength	MD 5.0 kgf/15mm Minimum	TAPPI T-494
	CD 2.5 kgf/15mm Minimum	

### PRESERVATION PROPERTIES

ITEM	SPECIFICATION	TEST METHOD
Plasticizer Resistance (Face)	Image 1.15 Minimum	40° C, Dry, 15 Hours
	Background 0.15 Maximum	
Water Resistance	Image 0.80 Minimum	Water Immersion, 15 Hours
	Background 0.15 Maximum	
Oil Resistance	Image 1.15 Minimum	40° C, Dry, 15 Hours
	Background 0.15 Maximum	
Moisture Resistance	Image 1.10 Minimum	40° C, 90% RH, 24 Hours
	Background 0.15 Maximum	
Heat Resistance	Image 1.10 Minimum	80° C, Dry, 24 Hours
	Background 0.20 Maximum	
Light Resistance	Image 1.15 Minimum	5,000 lx - 100 Hours
	Background 0.15 Maximum	

\*Remarks: Image and Background measured by Macbeth  
Specification may change without notice

## 130LA-4 LAMINATED PRODUCTS

GRADE	UNIT	G8	G12
Application Temperature	°F	10 to 120	-40 to 122
	°C	-12 to 49	-40 to 50
Service Temperature	°F	-20 to 120	-65 to 131
	°C	-29 to 49	-54 to 55
Basis Weight (24 x 36 x 500)	LBS	93 ± 10	97 ± 10
	g/m <sup>2</sup>	152 ± 17	158 ± 17
Caliper	µm	151 ± 19	160 ± 19

\*Custom: Please contact the Sales/Marketing department for application specific adhesives.

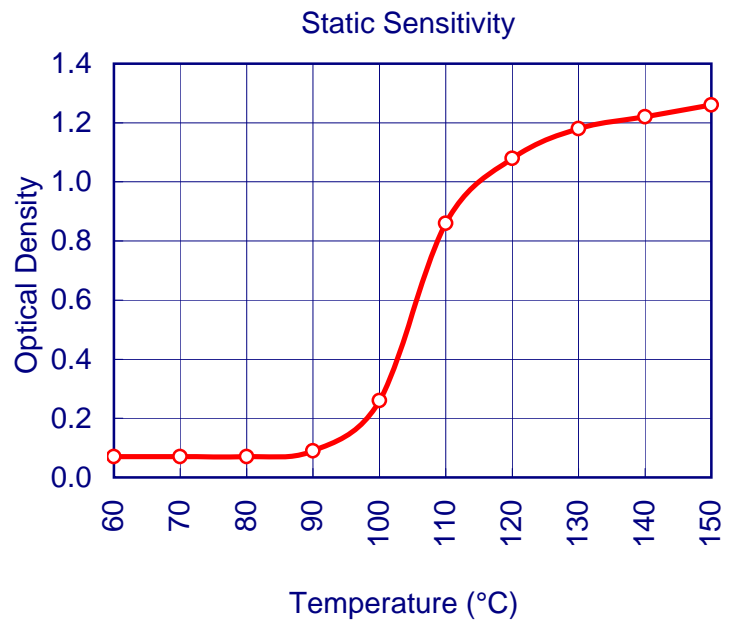
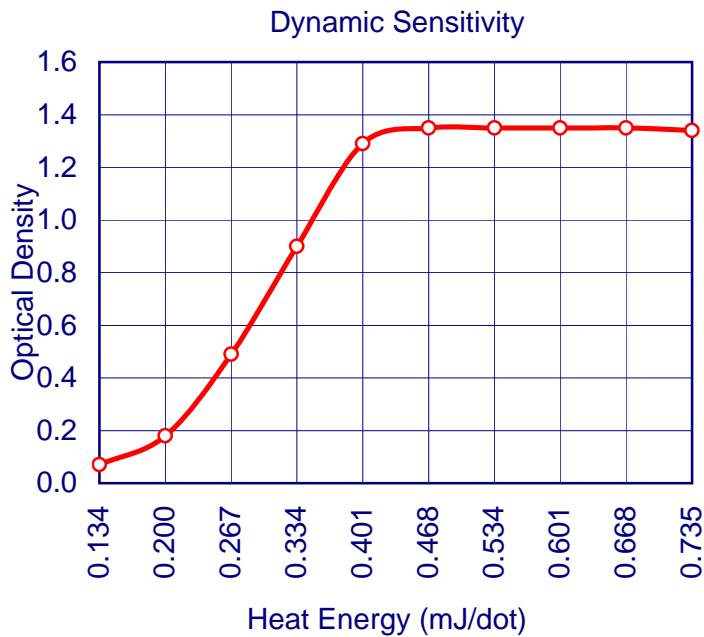
Liner: 42# Super Calendered White Kraft

Caliper: 2.5 Mils ± 10% (64 ± 7µm)

Opacity: 65% Maximum (Photovolt)

## STORAGE CONDITION

Below 95°F (35°C) and less than 85% RH in a warehouse avoiding direct sunlight.



Comments: Sensitivity curves are for general reference only.