

# Ricoh Electronics, Inc.

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## THERMAL LABEL PAPER PRODUCT INFORMATION

# 150 PRx

### FACESTOCK

ITEM	SPECIFICATION	TEST METHOD
Basis Weight	47.3 # ± 4.9 (24 x 36 x 500 Sheets)	TAPPI T-410
	77 ± 8 g/m <sup>2</sup>	
Caliper	3.1 Mils (79 ± 10µm)	TAPPI T-411
Image Color	Black	VISUAL CHECK
Image Density (ODU)	1.25 Minimum	Macbeth Densitometer
Background Density (ODU)	0.08 Maximum	Macbeth Densitometer
Tear Strength	MD 30 gf Minimum	TAPPI T-414
	CD 35 gf Minimum	
Tensile Strength	MD 5.4 kgf/15mm Minimum	TAPPI T-494
	CD 2.7 kgf/15mm Minimum	

### PRESERVATION PROPERTIES

ITEM	SPECIFICATION	TEST METHOD
Water Resistance	Image 1.10 Minimum	Water Immersion, 15 Hours
	Background 0.12 Maximum	
Oil Resistance	Image 1.10 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, 1 Hour
	Background 0.30 Maximum	
Light Resistance	Image 1.10 Minimum	5,000Lux, 100 Hours
	Background 0.15 Maximum	

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

## 150PRx LAMINATED PRODUCT

GRADE	UNIT	G24
Application Temperature	°F	-40 to 122
	°C	-40 to 50
Service Temperature	°F	-65 to 131
	°C	-54 to 55
Basis Weight (24 x 36 x 500)	LBS	97 ± 12
	g/m <sup>2</sup>	158 ± 19
Caliper	µm	152 ± 18

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

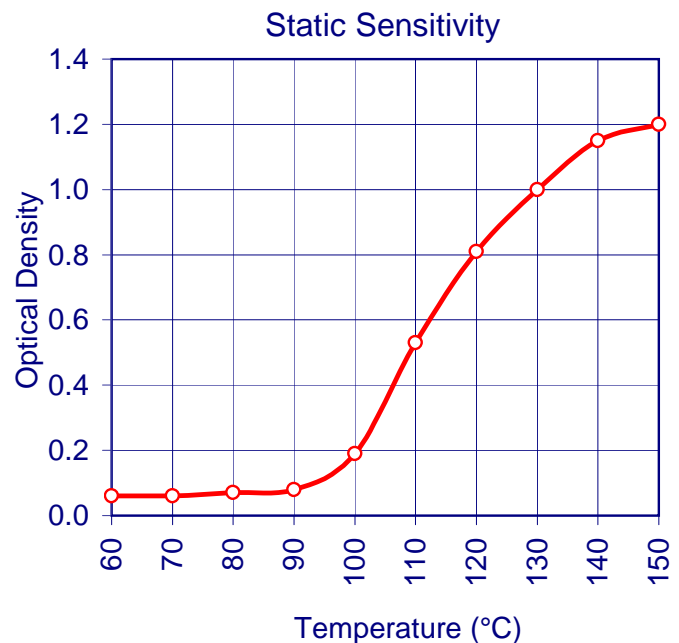
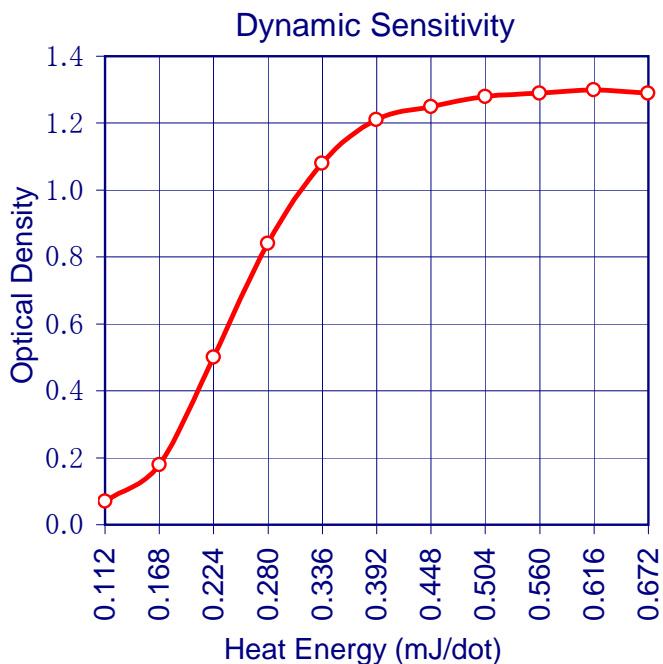
Liner: 2.5-mil Release Liner

Caliper: 2.5 Mils ± 10% (64 ± 8µm)

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.