



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

150-PRx is a medium-high sensitivity direct thermal stock with image durability that resists medical solutions.

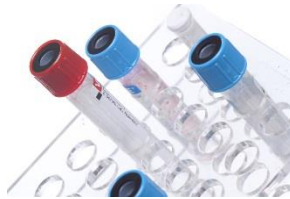
KEY FEATURES

Medium-high sensitivity; strong resistant to medical solutions.

— APPLICATION AREAS —



Prescription Labels



Laboratory Labels



Product ID

FACESTOCK / PRESERVATION PROPERTIES

FACESTOCK PROPERTIES

ITEM		UNIT	SPECIFICATION	TEST METHOD
Basis Weight		lbs (24x36x500 sheets)	47.3 ± 4.9	TAPPI T-410
		g/m ²	77 ± 8	
Caliper		mil	3.2 ± 0.3	TAPPI T-411
		µm	81 ± 9	
Image Color			Black	Visual Check
Image Density	(ODU)	Minimum	1.25	X-Rite Densitometer
Tear Strength	MD	gf Minimum	30.0	TAPPI T-414
	CD	gf Minimum	35.0	
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	212 / 100	
Effective Activation Temperature	(O.D. = 0.8)	°F / °C	239 / 115	

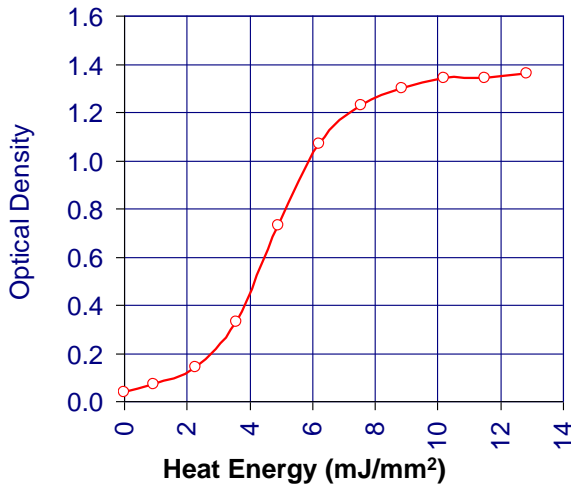
PRESERVATION PROPERTIES

ITEM	SPECIFICATION		TEST METHOD
Oil Resistance	Image	1.10 Minimum	40° C, Dry, 15 Hours X-Rite (ODU)
	Background	0.15 Maximum	
Moisture Resistance	Image	1.10 Minimum	40° C, 90% RH, 24 Hours X-Rite (ODU)
	Background	0.15 Maximum	
Heat Resistance	Image	1.10 Minimum	80° C, Dry, 1 Hour X-Rite (ODU)
	Background	0.30 Maximum	
Light Resistance	Image	1.10 Minimum	5,000 lx, 100 Hours X-Rite (ODU)
	Background	0.15 Maximum	

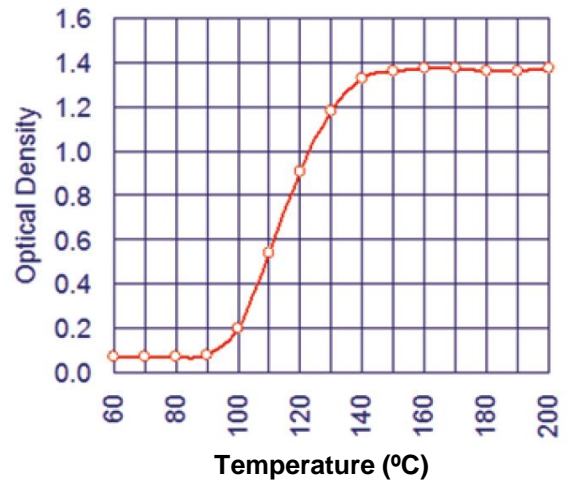


SENSITIVITY RESULTS

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.

150PRx – LAMINATED PRODUCT

GRADE	UNIT	G25	G12L
Application	°F	-40 to 122	-40 to 122
Temperature	°C	-40 to 50	-40 to 50
Service	°F	-65 to 131	-65 to 131
Temperature	°C	-54 to 55	-54 to 55
Basis Weight	lbs	97 ± 12	95 ± 11
(24 x 36 x 500)	g/m ²	158 ± 19	154 +18/-17.5
Caliper	µm	152 ± 18	150 ± 18
	mil	6.0 ± 0.7	5.9 ± 0.7

Liner: 40 lbs

Caliper: 2.5 mils ± 10% (64 ± 8 µm)

Opacity: 65% Maximum (Photovolt)

Adhesive Attributes:

G25 – Wide Temperature and Permanent

G12L – Wide Temperature and Permanent; Repositionable

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 +1-714-259-4349

Email: orders@rei.ricoh.com