



### 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

130UFKUPDORSFRDDEORFN  
 UDEOKDKKYURUDFR  
 SODFUDSUDKKS

#### .H)HDWXUHV

8PSOHWHO3KRO)UHH6WDQDUGWRSFRDWHG0H  
 KKPDUHUVROXWLRQLXHOQLWLYLW6WURKDPD#  
 SUHVHUYDWLRODLOQWPRVWHOLURDHW



### — APPLICATION AREAS —



Weigh Scale Labels

Shipping Labels

Meat Processing

Distribution/Inventory

Product ID

### FACESTOCK / PRESERVATION PROPERTIES

#### FACESTOCK PROPERTIES

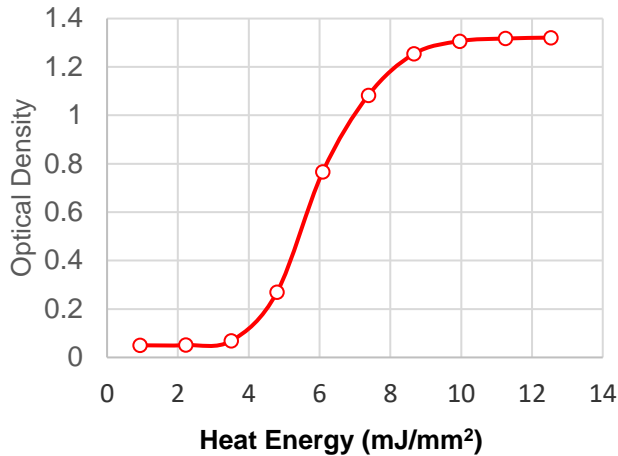
ITEM		UNIT	SPECIFICATION	TEST METHOD
Basis Weight		lbs (24x36x500 sheets)	4.0 ± 0.1	TAPPI T-410
		g/m <sup>2</sup>	7 ± 0.7	
Caliper		mil	3.0 ± 0.3	TAPPI T-411
		µm	7 ± 0.8	
Image Color			Black	Visual Check
Image Density	(ODU)	Minimum	1.25	X-Rite Densitometer
Tear Strength	MD	gf Minimum	30.0	TAPPI T-414
	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

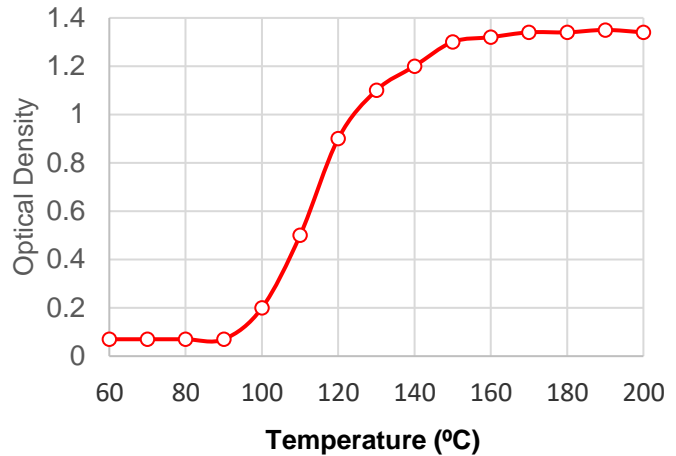
ITEM	SPECIFICATION	TEST METHOD
Oil Resistance	Image	1.10 Minimum
	Background	0.15 Maximum
Moisture Resistance	Image	40° C, 90% RH, 24 Hours
	Background	1.10 Minimum 0.12 Maximum
Heat Resistance	Image	80° C, Dry, 1 Hour
	Background	1.10 Minimum 0.30 Maximum
Light Resistance	Image	5,000 lx, 100 Hours
	Background	1.10 Minimum 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.

## N140PF G12 – LAMINATED PRODUCT

GRADE	UNIT	G12 AT
Application	°F	-40 to 122
Temperature	°C	-40 to 50
Service	°F	-65 to 131
Temperature	°C	-54 to 55
Basis Weight	lbs	90 ±10
(24 x 36 x 500)	g/m <sup>2</sup>	147 ±17
Caliper	µm	141 ±17
	mil	5.6 ±0.7

### Adhesive Attributes:

G12 – Wide Temperature and Permanent (AT)

Caliper: 2.1 mils ± 10% (55 ± 7 µm)

Opacity: 65% Maximum (Photovolt)

## CERTIFICATES / REGULATIONS / DIRECTIVES

Phenol Free

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 2020 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