

### 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

Ricoh's 135PLS-LST Linerless direct thermal top coated label stock is ideal for high-speed printing providing superior barcode reliability. A silicone linerless product generates less waste and provide more labels per roll.

#### KEY FEATURES

Silicone Linerless label that provides an environmentally friendly solution; High image resolution & barcode reliability; Strong heat resistance & sensitivity

### — APPLICATION AREAS —



Weigh Scale Labels



Postal & Shipping Labels

### PROPERTIES

#### COATED PRODUCT PROPERTIES

ITEM	UNIT	SPECIFICATION	TEST METHOD
Basis Weight	g/m <sup>2</sup>	90 ± 7	TAPPI T-410
Caliper	mil	3.5 ± 0.4	TAPPI T-411
	µm	90 ± 10	
Image Color		Black	Visual Check
Image Density	(ODU) Minimum	1.10	X-Rite Densitometer

#### PRESERVATION PROPERTIES

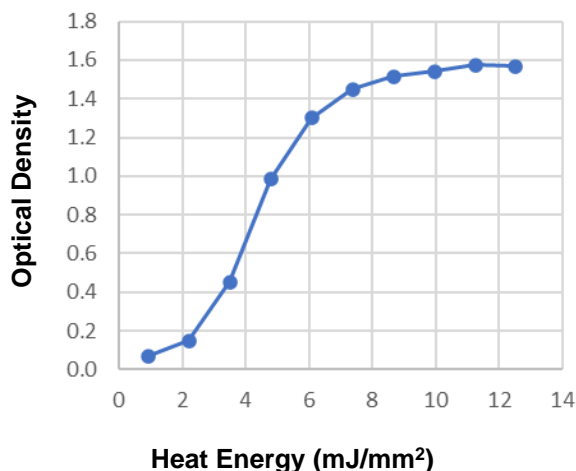
ITEM	SPECIFICATION	TEST METHOD
Oil Resistance	Image	1.05 Minimum
	Background	0.20 Maximum
Moisture Resistance	Image	1.00 Minimum
	Background	0.20 Maximum
Heat Resistance	Image	1.00 Minimum
	Background	0.20 Maximum
Light Lesistance	Image	1.00 Minimum
	Background	0.20 Maximum

#### ADHESIVE PROPERTIES

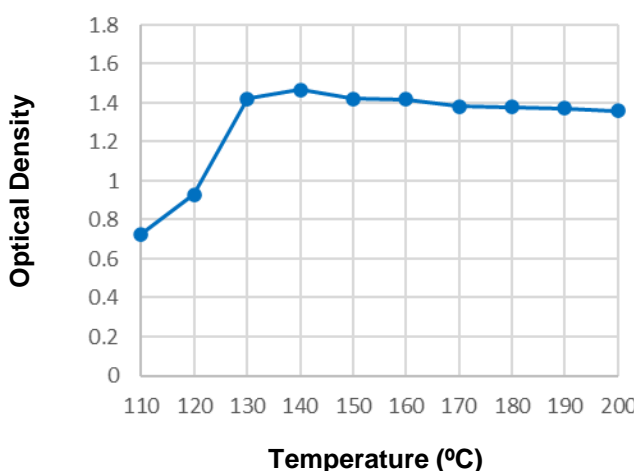
ITEM	UNIT	SPECIFICATION	TEST METHOD
Shear Resistance	mm	2.00 Maximum	1kg, 30min, 25mm×25mm, 22°C 55%
Release Value	mN/40mm	300 Maximum	300mm/min, 22°C 55%
Peel Adhesion	N/25mm	12.7 Minimum	SUS, 300mm/min, 22°C 55%

### 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.

### 135PLS-LST – ADHESIVE PROPERTY

GRADE	UNIT	Acrylic Emulsion Permanent Adhesive
Application Temperature	°F	41 to 95
	°C	5 to 35

### CERTIFICATES / REGULATIONS / DIRECTIVES

BPA Free                      ISO9001                      ISO14001

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### CONTACT INFORMATION

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