

## 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 CDT-2 Clear direct thermal label stock is ideal for high-speed printing providing superior barcode reliability. A Clear Direct Thermal Label product enhances visibility of products while making the plastic substrate easier to recycle.

### KEY FEATURES

Clear Direct Thermal Product; High image resolution & barcode reliability; Strong water resistance & sensitivity, easier recycling process

## — APPLICATION AREAS —



Food Labeling

## PROPERTIES

SUBSTRATE	ITEM	UNIT	SPECIFICATION	TEST METHOD
Caliper		mil	2.9± 0.24	JIS K-7130
		µm	74± 6	JIS K-7130
Haze		%	27 or less	JIS K-7136

### IMAGE PROPERTIES

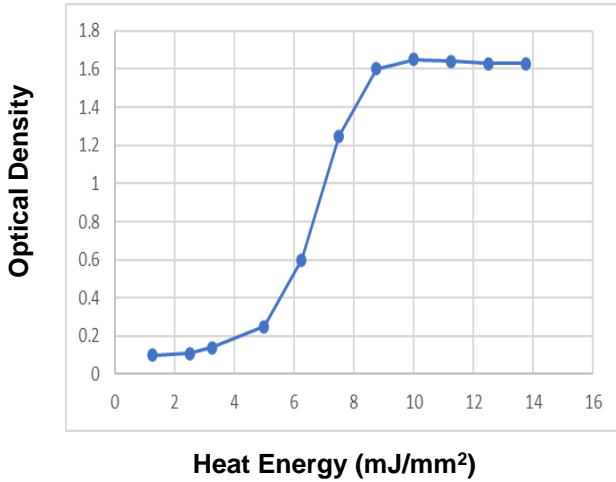
	ITEM	UNIT	SPECIFICATION	TEST METHOD
Color of Image		-	Black	Visual Measurement
Image Density		-	1.50 Minimum	-

### PRESERVATION

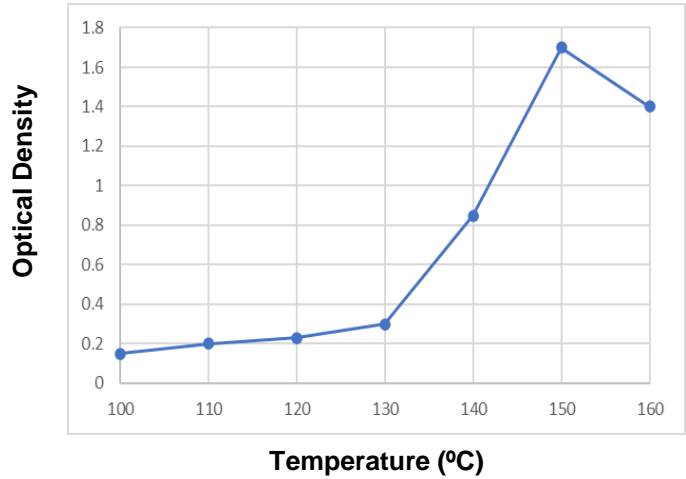
	ITEM	SPECIFICATION	TEST METHOD
Plasticizer Resistance	Image	1.20 Minimum	23°C, Dry, 15 Hours
	Background	0.20 Maximum	
Oil Resistance	Image	1.20 Minimum	23°C, Dry, 24 Hours
	Background	0.20 Maximum	
Water Resistance	Image	1.20 Minimum	23°C, 15 Hours
	Background	0.20 Maximum	
Temp/Humidity Resistance	Image	1.20 Minimum	40°C, 90% RH, 24 Hours
	Background	0.20 Maximum	
Heat Resistance	Image	1.20 Minimum	90°C, Dry, 1 Hour
	Background	0.20 Maximum	
Light Resistance	Image	1.20 Minimum	Fluorescent Lamp 5klx, 100 Hours
	Background	0.20 Maximum	
Microwave Resistance	Image	1.20 Minimum	1600W, 60 seconds
	Background	0.20 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.

### CDT-2 PP – ADHESIVE PROPERTY

GRADE	UNIT	G12
Application Temperature	°F	41 to 95
Service Temperature	°C	5 to 35
Application Temperature	°F	41 to 95
Service Temperature	°C	5 to 35

### CERTIFICATES / REGULATIONS / DIRECTIVES

BPA Free  
REACH

RoHS  
ISO14001

ISO9001

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### CONTACT INFORMATION

Copyright 2016 Ricoh Electronics, Inc.  
1125 Hurricane Shoals Rd.  
Lawrenceville, GA 30043  
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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