

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

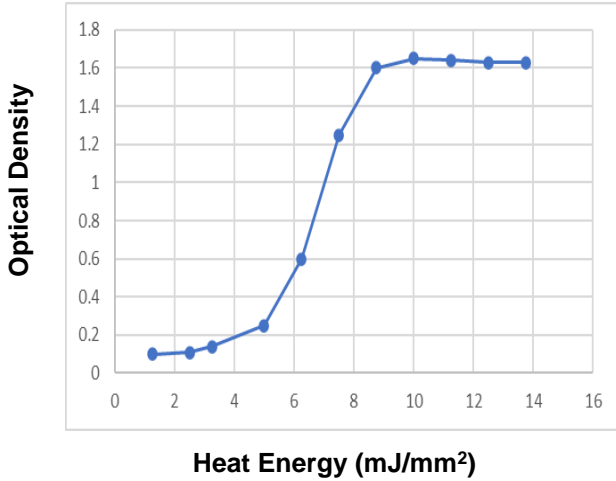
	ITEM	UNIT	SPECIFICATION	TEST METHOD
Color of Image		-	Black	Visual Measurement
Image Density		-	1.50 Minimum	-

PRESERVATION

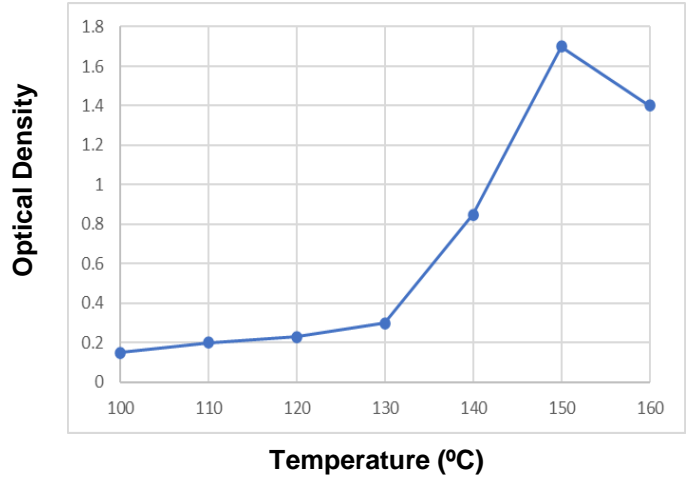
	ITEM	SPECIFICATION	TEST METHOD
Plasticizer Resistance	Image	1.20 Minimum	23°C, Dry, 15 Hours
	Background	0.20 Maximum	
Oil Resistance	Image	1.20 Minimum	23°C, Dry, 24 Hours
	Background	0.20 Maximum	
Water Resistance	Image	1.20 Minimum	23°C, 15 Hours
	Background	0.20 Maximum	
Temp/Humidity Resistance	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

CERTIFICATES / REGULATIONS / DIRECTIVES

BPA Free ISO9001 ISO14001 Indirect Food Contact

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