

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-1 Clear direct thermal label stock is ideal for high-speed. A Clear Direct Thermal Label product enhances visibility of package contents.

KEY FEATURES

Completely Phenol Free Clear Direct Thermal Product; High image resolution & barcode reliability; Strong water resistance & sensitivity



— APPLICATION AREAS —



Food Labeling

PROPERTIES

SUBSTRATE	ITEM	UNIT	SPECIFICATION	TEST METHOD
Caliper		mil	2.1± 0.24	JIS K-7130
		µm	54± 6	JIS K-7130
Haze		%	27 or less	JIS K-7136

IMAGE PROPERTIES

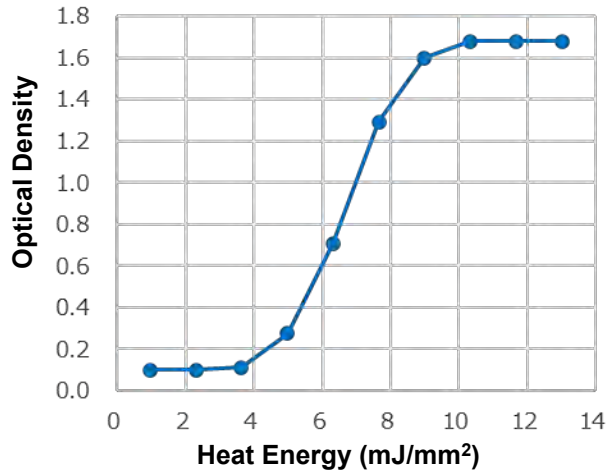
ITEM	UNIT	SPECIFICATION	TEST METHOD
Color of Image	-	Black	Visual Measurement
Image Density	-	1.50 Minimum	-

PRESERVATION

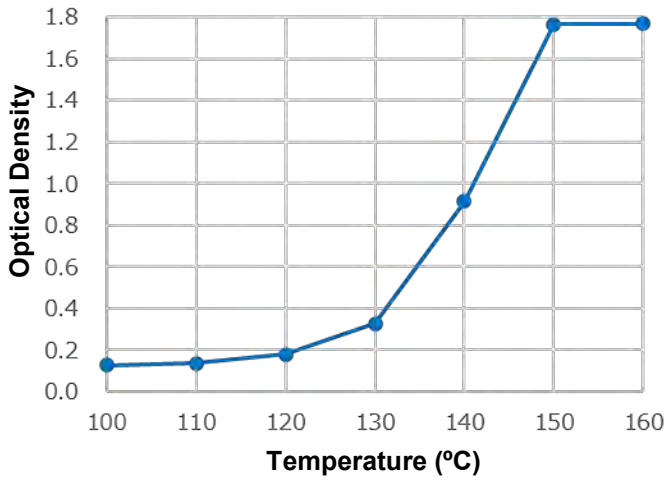
ITEM	SPECIFICATION	TEST METHOD
Plasticizer Resistance	Image	1.20 Minimum
	Background	0.20 Maximum
Oil Resistance	Image	1.20 Minimum
	Background	0.20 Maximum
Water Resistance	Image	1.20 Minimum
	Background	0.20 Maximum
Temp/Humidity Resistance	Image	1.20 Minimum
	Background	0.20 Maximum
Heat Resistance	Image	1.20 Minimum
	Background	0.20 Maximum
Light Resistance	Image	1.20 Minimum
	Background	0.20 Maximum
Microwave Resistance	Image	1.20 Minimum
	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-1 PET – ADHESIVE PROPERTY

GRADE	UNIT	G12
Application	°F	-40 to 122
Temperature	°C	-40 to 50
Service	°F	-65 to 131
Temperature	°C	-54 to 55

Liner: 40 lbs
 Caliper: 2.5 mils ± 10% (64 ± 8 µm)
 Opacity: 65% Maximum (Photovolt)

CERTIFICATES / REGULATIONS / DIRECTIVES

Completely Phenol Free ISO9001 ISO14001 Indirect Food Contact

No Added PFAS

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 2024 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