



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 140TLE Direct Thermal Paper, specifically designed for tag/ticket applications, has exceptionally high image resolution and high barcode reliability.

KEY FEATURES

Ricoh's 140TLE with high sensitivity, excellent image resolution and image preservation. Smooth surface for improved thermal head life.

— APPLICATION AREAS —



Entertainment



Parking Ticket



Automated Tickets

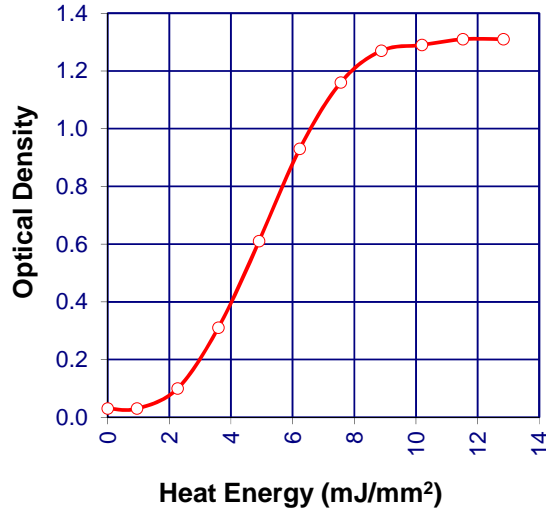
FACESTOCK / PRESERVATION PROPERTIES

FACESTOCK PROPERTIES				
ITEM		UNIT	SPECIFICATION	TEST METHOD
Basis Weight		lbs (24x36x500 sheets)	76.2 ± 7.4	TAPPI T-410
		lbs (17x22x500 sheets)	33.0 ± 3.2	
		g/m2	124 ± 12	
Caliper		mil	5.2 ± 0.5	TAPPI T-411
		µm	132.0 ± 15.0	
Image Color			Black	Visual Check
Image Density	(ODU)	Minimum	1.25	X-Rite Densitometer
Tear Strength	MD	gf Minimum	50	TAPPI T-414
	CD	gf Minimum	50	
Stiffness	MD	g-cm Minimum	6.0	TAPPI T-489
	CD	g-cm Minimum	5.0	
Initial Activation Temperature	(O.D. = 0.2)	°F / °C	212 / 100	
Effective Activation Temperature	(O.D. = 0.8)	°F / °C	252 / 122	
PRESERVATION PROPERTIES				
ITEM			SPECIFICATION	TEST METHOD
Heat Resistance	Image		0.80 Minimum	80° C, Dry, 24 Hours X-Rite (ODU)
	Background		0.20 Maximum	
Oil Resistance	Image		1.00 Minimum	40° C, Dry, 15 Hours X-Rite (ODU)
	Background		0.15 Maximum	
Moisture Resistance	Image		1.00 Minimum	40° C, 90% RH, 24 Hours X-Rite (ODU)
	Background		0.15 Maximum	
Florescence Light Resistance	Image		1.15 Minimum	5000 lx, 100 Hours X-Rite (ODU)
	Background		0.15 Maximum	

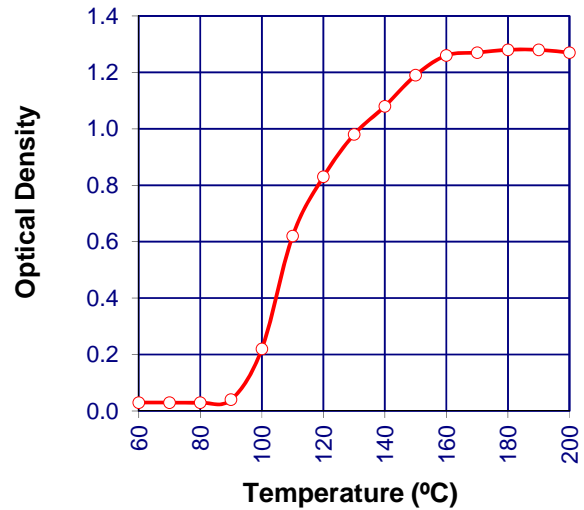


DYNAMIC AND STATIC SENSITIVITY

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.

CERTIFICATES / REGULATIONS / DIRECTIVES

BPA Free

RoHS

ISO9001

REACH

WEEE

ISO14001

CONTACT INFORMATION

Customer and Tech Support

Submit Product Feedback
 Submit Technical Sheet Feedback
 Safety and Environmental Info
 Contact Us

Company Info

About Ricoh Electronics, Inc.
 About Ricoh Thermal Media
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