



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

### KEY FEATURES

Direct Thermal Paper with BPS free formulation, high sensitivity, excellent image resolution and image preservation. Smooth surface for improved thermal head life.

## APPLICATION AREAS



Entertainment



Parking Ticket



Automated Tickets



Shelf Tags

## FACESTOCK / PRESERVATION PROPERTIES

### FACESTOCK PROPERTIES

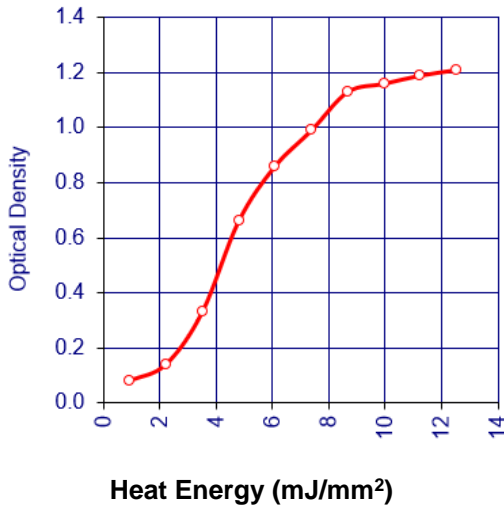
ITEM	UNIT	SPECIFICATION	TEST METHOD	
Basis Weight	lbs (24x36x500 sheets)	71.3 ± 7.1		
	lbs (17x22x500 sheets)	30.9 ± 3.1	TAPPI T-410	
	g/m2	116 ± 12		
Caliper	mil	5 ± 0.5	TAPPI T-411	
	µm	126 ± 12		
Image Color		Black	Visual Check	
Image Density	(ODU)	Minimum	1.20	X-Rite Densitometer
Tear Strength	MD	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	181/ 83	
Effective Activation Temperature	(O.D. = 0.8)	°F / °C	208 / 98	

### PRESERVATION PROPERTIES

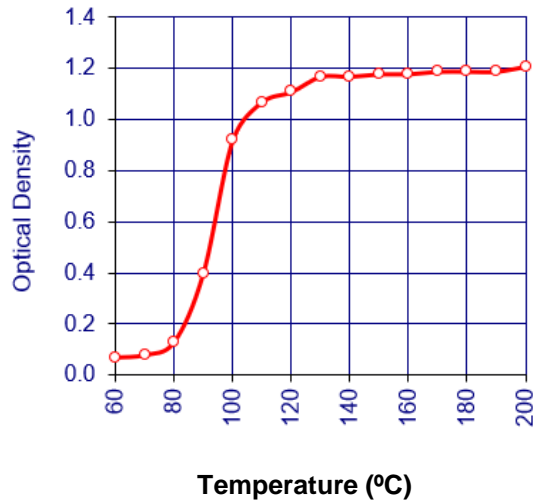
ITEM	SPECIFICATION	TEST METHOD
Heat Resistance	Image	0.80 Minimum
	Background	0.20 Maximum
Oil Resistance	Image	1.00 Minimum
	Background	0.15 Maximum
Moisture Resistance	Image	1.00 Minimum
	Background	0.15 Maximum
Light Resistance	Image	1.15 Minimum
	Background	0.15 Maximum

## 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

BPS Free

No Added PFAS

ISO9001

ISO14001

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## CONTACT INFORMATION

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