

Direct Thermal Products Guide

Last update: Sept. 2018 Ricoh's superior top-coated direct thermal (DT) papers and synthetic products are designed to outperform; providing our customers with proven reliability and a product that is exceptionally well-suited for a variety of applications.
Ref: PS-1345 (Rev. 7)

All Ricoh DT products are BPA free.
Data presented is for reference only. All thermal and adhesive properties should be tested by end-user for suitability, prior to use.

Excellent – Tested in actual application	✓
Test recommended for suitability	

	Products	Features	Caliper µm (mil)	<i>Postal & Shipping</i>	<i>Distribution/ Inventory</i>	<i>Product I.D.</i>	<i>Weigh Scale</i>	<i>Meat Processing</i>	<i>Fruits / Vegetables</i>	<i>Shelf Tags</i>	<i>Prescription</i>	<i>Laboratory</i>	<i>Wristbands</i>	<i>Airline Baggage Tags</i>	<i>Tickets</i>	<i>Ski Lift Tickets</i>
Paper Base	N140LA	Standard top-coated thermal paper. High sensitivity. Medium-high image resolution. Strong image preservation against most environments.	81 ± 8 (3.2)	✓	✓	✓	✓	✓								
	N150LA-2	Premium top-coated thermal paper. High sensitivity. Higher image resolution & barcode reliability. Highest heat resistance.	77 ± 9 (3.0)			✓	✓	✓			✓					
	130NIR-3	Near Infrared readable; able to scan up to 670nm. Medium sensitivity and good image resolution. Moderate image preservation properties.	81 ± 8 (3.2)	✓	✓											
	150PRx	Strong resistance to medical solutions. Soap, lotion & hand sanitizer resistant. Medium-high sensitivity.	81 ± 9 (3.2)			✓					✓	✓				
	140TLE	Premium top-coated thermal paper. High sensitivity; high stiffness. Excellent image resolution & image preservation.. Smooth surface for improved thermal head life.	132 ± 15 (5.2)			✓				✓					✓	
Film Base	140LES	High sensitivity direct thermal film. Durable PP base film; tearing & water resistant. High image preservation against most environments.	105 ± 11 (4.1)			✓	✓	✓		✓		✓	✓	✓		✓
	140LDS		65 ± 7 (2.6)			✓	✓	✓	✓	✓		✓	✓			
	135WRX-60	High sensitivity direct thermal film. Durable PP base film; tearing & water resistant. High image preservation against most environments.	65 ± 9 (2.6)							✓		✓	✓	✓		

Application Areas