

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.

Last update: Jan. 2016
Ref: PS-1345 (Rev. 6)

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 - Test in actual application | ● ● |
| Test for suitability | |

| Products | Features | Caliper µm (mil) | Postal & Shipping | | Distribution/ Inventory | Product I.D. | Weigh Scale | Meat Processing | Fruits/ Vegetables | Shelf Tags | Prescription | Laboratory | Whitbands | Airline Baggage Tags | Tickets | Ski Lift Tickets | | |
|----------------|------------------|--|-------------------|-----|----------------------------|--------------|-------------|-----------------|-----------------------|------------|--------------|------------|-----------|-------------------------|---------|------------------|--|--|
| | | | | | | | | | | | | | | | | | | |
| 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) | | | ● ● | | | | ● ● | | | | | | ● ● | | |
| Synthetic Base | 135WRx-2 | Medium sensitivity direct thermal film. Durable PP base film; tear and water resistant. Resistant to sanitizers, soaps, alcohol, etc. Moderate image preservation properties. | 96 ± 12 (3.8) | | | | | | ● ● | | | ● ● | | | | | | |
| | 135WRx-60 | Medium sensitivity direct thermal film. Durable PP base film; tear and water resistant. Resistant to sanitizers, soaps, alcohol, etc. Moderate image preservation properties. | 65 ± 9 (2.6) | | | | | | ● ● | | ● ● | ● ● | ● ● | | | | | |
| | 140LDS | High sensitivity direct thermal film. Durable PP base film; tearing & water resistant. High image preservation against most environments. | 65 ± 7 (2.6) | | | ● ● | ● ● | ● ● | ● ● | ● ● | ● ● | ● ● | ● ● | | | | | |
| | 140LES | High sensitivity direct thermal film. Durable PP base film; tearing & water resistant. High image preservation against most environments. | 105 ± 11 (4.1) | | | ● ● | ● ● | ● ● | | ● ● | | ● ● | ● ● | ● ● | | ● ● | | |

Application Areas