

Last update: Nov 2022
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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.

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	<input checked="" type="checkbox"/>
Test recommended for suitability	

Products	Features	Caliper μm (mil)	Application Areas																
			Postal & Shipping	Distribution/Inventory	Product I.D.	Weight Scale	OSI Labels	Meat Processing	Fruits/Vegetables	Shelf Tags	Pre-ription	Laboratory	Wristbands	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	76 \pm 7 (3.0)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>										
	N150LA-2	-Premium top-coated thermal paper -High sensitivity -Higher image resolution & barcode reliability -Highest heat resistance	76 \pm 8 (3.0)			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>							
	130NIR-3	-Near infrared readable; able to scan up to 670nm -Medium sensitivity and good image resolution -Moderate image preservation properties	76 \pm 8 (3.0)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
	150PRX PF	-Completely phenol free -Strong resistance to medical solutions -Soap, lotion, & hand sanitizer resistant -Medium-high sensitivity	78.5 \pm 8 (3.1)			<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	140TLE	-Premium top-coated thermal paper -High sensitivity; high stiffness -Excellent image resolution & image preservation -Smooth surface for improved thermal head life	132 \pm 15 (5.2)			<input checked="" type="checkbox"/>											<input checked="" type="checkbox"/>		
	135PLS-LST	-Silicon linerless label that provides environmentally friendly solution -High sensitivity -Excellent barcode reliability	90 \pm 10 (3.5)	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>											
	130PLL-RN	-Silicon linerless label that provides environmentally friendly solution -Medium sensitivity -Excellent barcode reliability	88 \pm 10 (3.5)	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>											
	130PLL-RRE	-Silicon linerless label that provides environmentally friendly solution -Medium sensitivity -Excellent barcode reliability -Removable adhesive	88 \pm 10 (3.5)	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
	Film Base	CDT-1 (PET)	-Clear direct thermal product -High image resolution and barcode reliability	54 \pm 6 (2.1)				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
		CDT-2 (PP)	-High image resolution and barcode reliability -Strong water resistance and sensitivity	74 \pm 6 (2.9)				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
140LES		-High sensitivity direct thermal film	99 \pm 10 (3.9)			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>		
140LDS		-Durable PP base film; tearing & water resistant -High image preservation against most environments	65 \pm 9 (2.6)			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
135WRX-60			61 \pm 7 (2.4)								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						