



# DIRECT THERMAL PRODUCTS GUIDE

 : Excellent Suitability\*  
 : Test for Suitability

PAPER BASE

PRODUCT	FEATURES	CALIPER $\mu\text{m}$ (mil)	Postal & Shipping	Distribution/Inventory	Product ID	Weigh Scale	QSR Labels	Meat Processing	Fruit & Veg.	Shelf Tags	Rx Labels	Lab	Wrist-bands	Airline Bag Tags	Tickets	Ski Lift Tickets
N140LA	<ul style="list-style-type: none"> <li>Standard top-coated thermal paper</li> <li>High sensitivity</li> <li>Medium-high image resolution</li> <li>Strong image preservation against most environments</li> </ul>	76 $\pm$ 7 (3.0)	✓	✓	✓	✓		✓								
N150LA-2	<ul style="list-style-type: none"> <li>Premium top-coated thermal paper</li> <li>High sensitivity</li> <li>Higher image resolution &amp; barcode reliability</li> <li>Highest heat resistance</li> </ul>	76 $\pm$ 8 (3.0)			✓	✓		✓				✓				
130NIR-3	<ul style="list-style-type: none"> <li>Near infrared readable; able to scan up to 670nm</li> <li>Medium sensitivity &amp; good image resolution</li> <li>Moderate image preservation properties</li> </ul>	76 $\pm$ 8 (3.0)	✓	✓												
150PRx	<ul style="list-style-type: none"> <li>Strong resistance to medical solutions</li> <li>Soap, lotion, &amp; hand sanitizer resistant</li> <li>Medium-high sensitivity</li> </ul>	78.5 $\pm$ 8 (3.1)			✓						✓	✓				
140TLE	<ul style="list-style-type: none"> <li>Premium top-coated thermal paper</li> <li>High sensitivity; high stiffness</li> <li>Excellent image resolution &amp; image preservation</li> <li>Smooth surface for improved thermal head life</li> </ul>	132 $\pm$ 15 (5.2)			✓					✓					✓	
135PLS-LST	<ul style="list-style-type: none"> <li>Silicon linerless label that provides environmentally friendly solution</li> <li>High sensitivity</li> <li>Excellent barcode reliability</li> </ul>	90 $\pm$ 10 (3.5)	✓			✓										
130PLL-RN	<ul style="list-style-type: none"> <li>Silicon linerless label that provides environmentally friendly solution</li> <li>Medium sensitivity</li> <li>Excellent barcode reliability</li> </ul>	88 $\pm$ 10 (3.5)	✓			✓										
130PLL-RRE	<ul style="list-style-type: none"> <li>Silicon linerless label that provides environmentally friendly solution</li> <li>Medium sensitivity</li> <li>Excellent barcode reliability</li> <li>Removable adhesive</li> </ul>	88 $\pm$ 10 (3.5)	✓			✓	✓									

FILM BASE

CDT-1 (PET)	<ul style="list-style-type: none"> <li>Clear direct thermal product</li> <li>High image resolution &amp; barcode reliability</li> <li>Strong water resistance &amp; sensitivity</li> </ul>	54 $\pm$ 6 (2.1)				✓		✓	✓							
CDT-2 (PP)	<ul style="list-style-type: none"> <li>Clear direct thermal product</li> <li>High image resolution &amp; barcode reliability</li> <li>Strong water resistance &amp; sensitivity</li> </ul>	74 $\pm$ 6 (2.9)				✓		✓	✓							
140LES	<ul style="list-style-type: none"> <li>High sensitivity direct thermal film</li> <li>Durable PP base film; tearing &amp; water resistant</li> <li>High image preservation against most environments</li> </ul>	99 $\pm$ 10 (3.9)			✓	✓		✓		✓		✓	✓	✓		✓
140LDS	<ul style="list-style-type: none"> <li>High sensitivity direct thermal film</li> <li>Durable PP base film; tearing &amp; water resistant</li> <li>High image preservation against most environments</li> </ul>	65 $\pm$ 9 (2.6)			✓	✓		✓	✓	✓		✓	✓			
135WRX-60	<ul style="list-style-type: none"> <li>High sensitivity direct thermal film</li> <li>Durable PP base film; tearing &amp; water resistant</li> <li>High image preservation against most environments</li> </ul>	61 $\pm$ 7 (2.4)								✓		✓	✓	✓		