

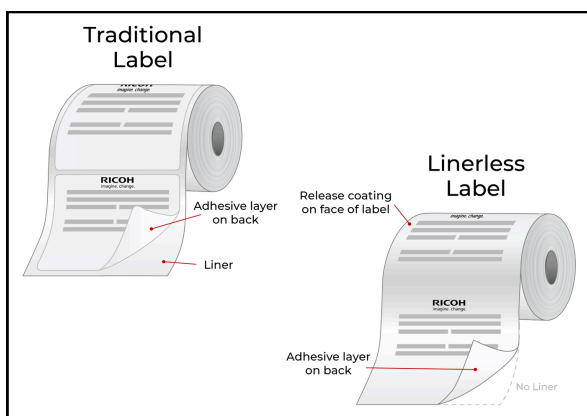
RICOH DIRECT THERMAL LINERLESS LABELS

INDUSTRY LEADERS IN THERMAL IMAGE SOLUTIONS



Product Description

Ricoh's linerless labels are an innovative solution that eliminates the need for the silicone liner standard on most direct thermal labels. Linerless labels feature adhesive on the back of the label with the release coating found on the face.



Industry Applications

- Weigh Scale
- Postal & Delivery
- Food Labels



Sustainability & Productivity Benefits

- 31% reduction in CO2 emissions*
- 50% longer effective length per roll, improving operation efficiency with fewer roll changes*
- Reduction of liner waste disposal costs

***According to REI Estimate**

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Grade	Product	Performance Characteristics	Face Caliper
Paper Base	135PLS-LST	<ul style="list-style-type: none"> • Silicone linerless label with high sensitivity • Standard top-coated DT paper • Strong heat resistance • Ideal for weigh scale, shipping & logistics applications 	3.5 mil (90µm)
Paper Base	130PLL-RN	<ul style="list-style-type: none"> • Silicone linerless label with medium sensitivity • Standard top-coated DT paper • Strong heat resistance • Environmentally friendly solution ideal for multiple applications 	3.5 mil (88µm)
Paper Base	130PLL-RRE	<ul style="list-style-type: none"> • Silicone linerless label with medium sensitivity • Standard top-coated DT paper • Removable adhesive • Environmentally friendly solution ideal for multiple applications 	3.5 mil (88µm)

Total Value Chain Integration

At Ricoh Electronics Inc., our in-house R&D team innovates custom solutions designed around the unique needs of our customers. Our Total Value Chain Integration sets us apart from competitors. From raw materials to finished rolls, we take pride in complete ownership of the manufacturing process, allowing for rigorous end-to-end quality control.

Direct Thermal - How It Prints

Direct Thermal printing produces an image by selectively heating thermal paper as it passes over the thermal print head. Specialized coating on the thermal paper turns black where heat has been applied, creating a high-quality and smudge-resistant image. Direct Thermal printing is ideal for fast-paced, on-demand use.

Ricoh's labeling products lead the industry in quality and reliability. Contact your Ricoh sales representative to discuss custom solutions for your unique business needs.

