

ZeroLiner 1100D

ZeroLiner direct thermal paper linerless labels

ZeroLiner 1100D is our entry-grade liner-free option designed for use in standard shipping and logistics applications. The media is ideal for use in Zebra desktop printers with low-medium print volumes. This product has good smear and scratch resistance due to the siliconized topcoat of the face material. Continuous rolls enable variable label lengths to be used without changing media in the printer.



ZeroLiner Benefits

The absence of a liner means that rolls contain more labels. Also, linerless labels are a more sustainable print option as no backing waste is produced (which can end up in landfill), and fewer rolls, boxes and pallets are needed to ship labels. Furthermore, safety is improved (there are no piles of liner on the floor which create trip hazards), costs are reduced because there is no waste to process. Additionally, productivity is increased as end users have fewer roll changes to perform and can work faster when applying labels which don't need to be separated from a liner.

The manufacturing journey of ZeroLiner labels is significantly shorter than that of traditional labels, resulting in overall CO2 savings through transport and manufacturing.

Simplified Printing - No Ribbon Required

The ZeroLiner 1100D is compatible with Zebra direct thermal desktop printers, providing all the benefits of direct thermal printing, with no ribbon to stock, monitor and replenish, with the added benefit of having no liner to dispose of.

ZeroLiner Printers

Zebra's linerless printers feature specially designed platen rollers and cutters. Zebra's ZeroLiner labels are created to give the best performance by printer type.

- Industrial printers – require media that is suited to high volume printing and cutting. Typically used in demanding environments where speed and consistency are essential and interruptions must be avoided.
- Desktop printers – require a fuss-free media solution that can perform well with minimal wear and tear on cutters and platen rollers.
- Mobile printers – need media which feeds smoothly without adding stress to the motor, limits adhesive contamination and adheres well for the intended application.

All Zebra ZeroLiner linerless media are thoroughly tested and approved by Zebra's research and development team (RandD) to give customers optimum performance in designated Zebra printers.

Regulatory and Compliance

ZeroLiner 1100D complies with legislation designed to restrict the use of hazardous substances including REACH, RoHS, EN71-3 Safety of Toys and the UK Packaging Regulations 1998. The label is also BPA- and BPS-free.

Specifications

Material Construction	
Facestock	Smooth white silicone topcoated paper; 78 microns, 3.07 mils
Adhesive	Permanent rubber adhesive
Liner	N/A
Total thickness +/-10%	90 microns, 3.5 mil
Environment	Indoor use

Temperature Performance	
Minimum Application Temperature ¹	41 °F/5 °C
Service Temperature Range ²	14 °F to 140 °F/-10 °C to 60 °C

Recommended Printers and Settings	
Printers	Zebra Linerless Printers
Ribbons	N/A

Product Performance and Sustainability	
Recommended Storage Conditions ³	1 yr duration when stored at 20-25 °C at 40-50% RH Rolls must be stored below 35 °C Storage at higher temperatures or humidity levels could affect product performance Rolls must be stored indoors and away from direct sunlight Rolls must be kept in their original packaging
Expected Life Span in Application ⁴	Indoor use, up to 1 year

Footnotes

1. When the label is applied, the environment and surface should be above this temperature.
2. Following correct application and appropriate dwell time (usually 24hrs) the media will withstand this temperature range.
3. Storage of product before use.
4. Following correct application and appropriate dwell time (usually 24hrs) we expect.

Printer and ZeroLiner Material Options	
Material Construction	Description
ZeroLiner 1100D	Phenol-free, entry grade, direct thermal paper, permanent adhesive designed for use in standard shipping and logistics applications. Recommended for desktop printers.
ZeroLiner 2000D	Phenol-free, high performance, direct thermal paper, permanent adhesive suitable for multiple applications. Tested and approved on Zebra Mobile Linerless printers. Recommended for mobile and desktop printers.
ZeroLiner 4500D	Phenol-free, premium direct thermal paper, permanent adhesive designed for high volume and challenging printing environments. Tested and approved for use on Zebra Industrial Linerless printers. Recommended for desktop and industrial printers

Markets and Applications

Manufacturing

- Work In Progress labeling

Logistics

- Shipping labels
- Warehouse and inventory management

Public Sector

- Postal applications

Other

- Applications



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