

ZeroLiner 4500D

ZeroLiner direct thermal labels

Our Premium phenol-free direct thermal label with a permanent adhesive and a gloss finish designed for high volume and challenging print environments. The ZeroLiner 4500D is our ultimate solution in the linerless printing product range.



ZeroLiner Benefits

There is a unique combination of benefits where the absence of a liner allows for more labels per roll and no waste having both environmental and safety implications in applications. There is an immediate waste reduction via reduced roll volume which takes less space, less manpower and a huge saving on liner take up equipment as this is no longer required. There would also be an increase in productivity as fewer roll changes would be needed in the printer or on press.

The manufacturing journey of ZeroLiner label is significantly shorter than that of lined labels, resulting in overall CO2 savings through less transport and manufacturing. As label liner is difficult to recycle, the waste usually ends up in landfill, being burnt for fuel or being stored in large volumes before being collected for recycling, which can lead to cluttered work areas and sometimes accidents. With ZeroLiner the above does not apply. Once you have applied your labels you're finished.

Simplified Printing - No Ribbon Required

The ZeroLiner 4500D is compatible with Zebra direct thermal, desktop printers, providing all the benefits of direct thermal printing -there's no ribbon to stock, monitor and replenish.

ZeroLiner Printers

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

- **Desktop printers** use linerless label rolls that feature a "clean-cut" adhesive, optimized for use with a cutter.
- **Mobile printers** need to release easily from the roll, to enable consistent feed so as not to stress the motor in the printer AND needs to release easily from the platen while adhering well in the application.

All Zebra ZeroLiner label rolls are pre-tested to ensure best performance.

ZeroLiner 4500D — The ultimate solution in the linerless printing product range.
For more information, please visit www.zebra.com/supplies

Specifications

Material Construction

Facestock	Smooth white silicone topcoated paper; -8mils
Adhesive	Permanent rubber adhesive
Liner	N/A
Total thickness +/-10%	96mils
Environment	Indoor use

Temperature Performance

Minimum Application Temperature ¹	41 °F/5°C
Service Temperature Range ²	14 °F to 212 °F/-10 °C to 100 °C

Recommended Printers and Settings

Printers	Direct Thermal Printer; Zebra Desktop and Mobile Printers
Ribbons	N/A

Regulatory and Compliance

REACH, RoHS, and BPA and BPS Free

Product Performance and Sustainability

Recommended Storage Conditions ³	1 yr duration when stored at 20 °C to 25 °C at 50% RH Relative humidity must be less than 85% 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, 1 to 2 yrs

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, but do not warrant, a life span as indicated.

Markets and Applications

Manufacturing

- Work in progress labeling

Logistics

- Transport and Logistics

Government

- Postal applications

Other

- Applications that do not allow the use of a liner



NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
zebra.com/locations
la.contactme@zebra.com