



Z-Perform™ 1000D PF High-Tack Label

Direct thermal, phenol-free, paper label with high-tack adhesive

Many thermal materials utilize phenol developers, such as BPS or BPA, which studies have shown can negatively impact users' health. Zebra's Z-Perform 1000D PF High-Tack label, however, offers you a unique alternative. This direct thermal paper label is engineered with an alternative developer, offering an ideal substitute to phenols, while delivering the performance you have come to rely on from Zebra's Z-Perform family. The high-tack rubber-based adhesive provides instant and long-term adhesion to dirty and hard-to-label surfaces. And with Zebra's legacy of craftsmanship and durability, you can count on optimized performance — with each and every label. Z-Perform 1000D PF labels are recommended for a wide variety of labelling applications including shipping labels used on hard-to-label surfaces and cold storage labelling and transport.



Phenol-Free

Many thermal supplies use phenols as developers. Phenols are considered by some to be dangerous chemicals that have the potential to lead to adverse health conditions. Zebra's Z-Perform 1000D PF material offers a phenol-free labelling solution while delivering the performance you have come to expect from Zebra Certified Supplies.

Adhesive Ideal for Temporary Labelling Applications

With its high-tack rubber-based adhesive that offers easy removability when needed, Z-Perform 1000D PF High-Tack labels are ideal for a wide variety of temporary indoor applications such as shipping labels used on hard-to-label surfaces and cold storage labelling and transport.

Count on Consistently Exceptional Performance with Zebra Certified Supplies

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce, and rigorously pre-test our own line of thermal printing supplies to ensure consistent, optimized performance. We utilize an ISO 9001 certified, 23-point quality inspection to ensure consistent quality — and we never swap out materials. No matter when you order your labels, you can count on the same great performance.

Z-Perform 1000D PF High-Tack - Phenol-Free direct thermal label that delivers reliable performance.

For more information on the Zebra's Z-Perform 1000D PF labels, please visit www.zebra.com/barcodesupplies

Specifications

Material Construction	
Facestock	Uncoated, direct thermal paper
Adhesive	High-tack rubber based adhesive 14 microns
Liner	71gsm glassine liner 51 microns
Total Thickness (+/- 10%)	144 microns
Environment	Indoor use

Temperature Performance	
Minimum Application Temperature ¹	32°F/ 0°C
Service Temperature Range ²	-40°F to 140°F/-40°C to 60°C

Recommended Printers and Ribbons	
Printers	Direct thermal printer (no ribbon required); use Zebra mobile, desktop, mid-range and high-performance thermal printers for optimal performance
Ribbons	N/A

Chemical Resistance	
Weak Chemicals	
Blood	Test in your application
Body Fluid	Test in your application
Salt Water	Test in your application
Water	Test in your application
Window Cleaner	Not Recommended
Moderate Chemicals	
Alcohol	Not Recommended
Ammonia	Not Recommended
Bleach	Not Recommended
IPA	Not Recommended
Harsh Chemicals	
Gasoline	Not Recommended
Grease	Not Recommended
Extreme Chemicals	
Acetone	Not Recommended
IR Reflow	Not Recommended
MEK	Not Recommended
TCE	Not Recommended
Xylene	Not Recommended

Regulatory and Compliance	
Phenol-free and latex-free Recommendation XIV and ISEGA approved for direct contact with dry, moist, and fatty foods Complies with European food regulation EC 1935/2004, EU 10/2011, BfR	

Additional Information	
Recommended Storage Conditions	1 year duration when stored at 68°F to 77°F/20°C to 25°C at 40 to 50% RH
Expected Life Span in Application	Indoor use, for 1 year
Sample Part Number	SAMPLE33641D

Material Testing in End Application	
The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application.	

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.	

Markets and Applications

Transportation & Logistics

- Cold storage labelling/transport
- Shipping, picking, and receiving labels
- Transport labels on difficult surfaces

Healthcare

- Sample identification



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