

Z-Perform™ 1000D Deep Freeze

Media Type	Label	✓	Adhesive Type	Permanent	✓
	Receipt			Removable	
	Tag			No Adhesive	
	Wristband		Environment	Indoor	✓
Material Type	Paper	✓		Outdoor	
	Synthetic		Properties	Cold Temperature	✓
Printing Technology	Direct Thermal (no Ribbon Required)	✓		Deep Freeze	✓
	Thermal Transfer (Ribbon Required)			High Temperature	
Finish	Matte	✓		Ultra High Temperature	
	Gloss			High Tack	
			Chemical Resistance	-	

Note: Z-Perform 1000D Deep Freeze is not recommended for applications involving long term exposure to sunlight or extreme heat. Additionally, when used at room temperature the adhesive offers a degree of repositionability and removability. The tack levels are between those of removable and permanent adhesives. Testing is always recommended, removability is not guaranteed.

Additional Features

- No ribbon required for direct thermal printing, therefore only one stock item needed
- Produces high contrast black images with recommended Zebra printers
- Specifically designed for application and use at low and deep freeze temperatures
- Complies with European food regulation EC 1935/2004, EU 10/2011, BfR Recommendation XIV and ISEGA approved for direct contact with dry and moist and such kind of fatty foods that have a reduction factor of at least 3 according to EC directive 85/572/EEC
- Latex free adhesive

Suggested Applications

- Indoor cold temperature labelling
- Labelling of most packaging material
- Cold storage applications
- Labelling in freezer environments

Technical Specifications

	Description	Caliper
Facestock	Matte white uncoated thermal imaging paper	79 microns
Adhesive	Permanent acrylic adhesive	17 microns
Liner	57gsm glassine liner	51 microns
	Total	147 microns ±10%

Recommended Zebra Printers:

Mobile, desktop, mid-range and high-performance thermal printers

Minimum Application Temperature:

-20°C

When the label is applied, the environment and surface should be above this temperature

Service Temperature Range:

-40°C to 60°C

Following correct application and appropriate dwell time (usually 24hrs) the media will withstand this temperature range

Recommended Storage Conditions:

6 month duration when stored at 20°C at 50% RH

Storage of product before use

Expected Life Span in Application:

Indoor use, for up to 1 year

Following correct application and appropriate dwell time (usually 24hrs) we expect, but do not warrant, a life span as indicated

Product Performance and Suitability

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.

For testing of this material please order sample roll SAMPLE66777.