



Z-Perform 1000D Deep Freeze

Permanent labels

Direct Thermal

Description

A white, uncoated direct thermal label stock, which produces black visible light images with Zebra direct thermal printers. The permanent acrylic adhesive is specifically designed for application and use at low temperatures. It can be applied at minus 20°C and will withstand freezer conditions down to minus 40°C.

Note: When used at room temperature, this adhesive offers a degree of re-positionability and removability. When measured, its tack levels are between those of removable and permanent adhesives. Testing is always recommended, but if the material will be used in such applications, additional testing in the end use is required to ensure suitability. Removability is not guaranteed. This material is not recommended for applications involving long term exposure to sunlight or extreme heat.

Suggested Applications

- Indoor cold temperature labelling
- Labelling of most packaging material.
- Cold storage applications.
- Excellent for very cold temperature applications.
- Room temperature labelling where a degree of removability is required- see note above

Technical Specifications

	Description	Caliper
Facestock	72gsm thermal imaging paper	79 microns
Adhesive	Permanent acrylic based	15 microns
Liner	60gsm Glassine liner	53 microns
		Total 147 microns

Recommended Zebra printers: Mobile, desktop, mid-range and high-performance thermal printers

Minimum application temperature: -20°C

Service temperature range: -40°C to 60°C

Recommended storage conditions: One year duration when stored at 0°C to 21°C at 35% to 50% RH

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, order sample roll SAM66777.

