

PolyPro™ 4000D



Available
from stock
on ZipShip

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

Note: PolyPro 4000D is not recommended for applications involving long term exposure to sunlight or extreme heat. It is only recommended for short-term outdoor use.

Additional Features

- No ribbon required for direct thermal printing, therefore only one stock item needed
- Produces high contrast images
- Offers good adhesion to a wide range of surfaces
- ISEGA approved for direct contact on dry, non-fatty foods
- Adhesive complies with European food regulations EU 10/2011 and FDA 175.105 for direct contact with dry, non-fatty foodstuffs
- Tear and water resistant
- BPA free
- Latex free adhesive

Suggested Applications

- Indoor general purpose labelling
- Tear resistant shelf-edge labelling
- Warehouse tote bin labelling
- Labelling of most packaging materials and plastic substrates
- Labelling of patient and laboratory samples
- Short term outdoor retail labelling e.g. garden centres

Technical Specifications

	Description	Caliper
Facestock	Matte white topcoated thermal imaging polypropylene	105 microns
Adhesive	Permanent acrylic adhesive	18 microns
Liner	60gsm glassine liner	53 microns
Total		176 microns $\pm 10\%$

Recommended Zebra Printers:

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

Minimum Application Temperature:

5°C

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

Service Temperature Range:

-20°C to 80°C

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

Recommended Storage Conditions:

Storage of product before use

1 year duration when stored at 20°C, at 50% RH

Expected Life Span in Application:

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

Indoor use, up to 1 year
Outdoor use, up to 6 months

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 from the ZipShip price list or order sample roll SAMPLE65644.

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