

## PolyPro™ 4000D Removable

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

Note: PolyPro 4000D Removable is not recommended for labelling of PVC substrates or in 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 with recommended Zebra printers
- Offers good adhesion combined with good removability from a wide range of surfaces
- Tear and water resistance
- BPA free
- Latex free adhesive

### Suggested Applications

- Indoor general purpose labelling
- Removable tear resistant shelf-edge labelling
- Removable product location and tote bin labelling
- Labelling of most packaging materials and plastic substrates
- Short term removable outdoor retail labelling e.g. garden centres

## Technical Specifications

|                  | Description   | Caliper                 |
|------------------|---|-------------------------|
| <b>Facestock</b> | Matte white topcoated thermal imaging polypropylene | 105 microns             |
| <b>Adhesive</b>  | Removable acrylic adhesive                          | 20 microns              |
| <b>Liner</b>     | 61gsm glassine liner                                | 54 microns              |
|                  | <b>Total</b>  | <b>179 microns ±10%</b> |

### 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:

-10°C to 80°C

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

### Recommended Storage Conditions:

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

Storage of product before use

### Expected Life Span in Application:

Indoor use, up to 1 year

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

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 sample roll SAMPLE66772.