

PolyE 3100T Gloss

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|----------------------------|---|---|---------------------|---------------------------|---|
| 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 | ✓ |

Additional Features

- Low cost, topcoated gloss polyethylene label
- Good adhesion on a variety of substrates
- Good flexibility and conformability for labelling curved surfaces
- Pure polyethylene facestock means it is environmentally-friendly and recyclable
- Good tear and water resistance properties
- Adhesive complies with European food regulation EC 1935/2004, EU 10/2011 and BfR Recommendation XIV for direct contact with dry, moist and such kind of fatty foodstuffs which have a reduction factor of at least 3
- Adhesive complies with FDA 175.105 for direct contact with dry foodstuffs, or alternatively separated by a functional barrier

Suggested Applications

- Labelling of HDPE bottles and cans e.g. toiletries and food packaging
- Work in progress labels
- Pallet labelling suitable for recycling with shrink-wrap
- Cost effective outdoor labelling for plants, garden and DIY products (approx. 9 months)
- Medium-life product and box labelling
- Shelf-edge labelling
- Gloss materials are not suitable for fanfold applications

Technical Specifications

| | Description | Caliper |
|------------------|---|-------------------------|
| Facestock | Gloss white topcoated polyethylene film | 82 microns |
| Adhesive | Permanent acrylic adhesive | 19 microns |
| Liner | 61gsm glassine liner | 54 microns |
| | Total | 155 microns ±10% |

Recommended Zebra Printers: Desktop, mid-range and high-performance thermal printers

Recommended Zebra Ribbons: 3200, 4800, 5095

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: 1 year duration when stored at 20°C to 25°C at 40 to 50% RH
Storage of product before use

Expected Life Span in Application: Indoor use, 1 year+
Outdoor 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

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 SAMPLE22700 for mid-range and industrial printers or SAMPLE22700-D for desktop printers.