# 2300 Standard Wax
## Thermal Transfer Ribbon

### Description:

Our standard wax thermal transfer ribbon is a custom wax ink formulation, which provides very good print quality and image on most European uncoated and coated paper facestocks. Provides good print quality on normal and rotated bar codes at speeds up to 254mm per second. Its low printhead energy requirements for image transfer and its superior backcoating make this a superb pure wax ribbon choice for all Zebra industrial thermal transfer printers.

### Suggested Applications:

- General purpose labelling, giving high density barcode and text printing on paper label stocks
- Shipping and receiving
- Inventory tracking
- High Quality thermal transfer printing at speeds up to 254mm per second

### Technical Specifications

| 2300 Wax | |
|---|---|
| **Colour** | Black |
| **Ink Formulation** | Wax |
| **Base Film** | Polyester |
| **Base Film Caliper** | 4.5 microns |
| **Scanning Capabilities** | IR and Visible Light |
| **Ribbon Length** | 450 metres / 900 metres / 362 metres |
| **Stocked Widths** | 40, 60, 83, 89, 102, 110, 131, 156, 170 & 220mm / 110 and 170mm / 64, 84 & 110mm |

**Recommended Storage Conditions:**     23°F to 104°F (-5°C to 40°C) at 20% to 80% RH

## 2300 Bar Code Scannability

The below scannability testing was performed on a 140X*i*III. Results are the average of 10 printed barcodes using the settings and label materials shown in the table.

| Label Facestock | Print Speed | Bar Code | Lab Results |
|---|---|---|---|
| Uncoated Paper Labels and Tags | 304.8mm/sec | 10 mil normal code | ANSI Grade B |
| Semi-coated Paper Labels | 304.8mm/sec | 10 mil normal code | ANSI Grade A |
| Coated Paper Labels and Tags | 304.8mm/sec | 10 mil normal code | ANSI Grade A |
| Uncoated Paper Labels and Tags | 152.4mm/sec | 15 mil rotated code | ANSI Grade A |
| Semi-coated Paper Labels | 152.4mm/sec | 15 mil rotated code | ANSI Grade A |
| Coated Paper Labels and Tags | 152.4mm/sec | 15 mil rotated code | ANSI Grade A |
| Uncoated Paper Labels and Tags | 152.4mm/sec | 10 mil rotated code | ANSI Grade B |
| Semi-coated Paper Labels | 152.4mm/sec | 10 mil rotated code | ANSI Grade B |
| Coated Paper Labels and Tags | 152.4mm/sec | 10 mil rotated code | ANSI Grade B |

Note:   All products should be pre-tested to ensure that they meet all intended requirements of specific end-use applications.  For testing of this ribbon on Zebra industrial mid-range and high-end printers, please order part number **02300BK08305.**   For a full, up-to-date list of parts available for all Zebra printers, please contact your authorized Zebra reseller.