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2100 High Performance Wax

Thermal Transfer Ribbon

Description:

Our resin-enhanced wax offers superior abrasion resistance when compared to conventional wax products. The 2100 ribbon provides excellent print quality on normal and rotated bar codes on coated and uncoated labels and tags, as well as many matt synthetic materials. Also, its low printhead energy requirements for image transfer make it the ideal choice for extremely high-speed print up to 304.8mm/sec. (12ips)

Suggested Applications:

- General purpose labelling
- Shipping and receiving
- Inventory tracking
- Warehousing & Distribution
- Retail labels / tags

Technical Specifications

| | Description |
|-----------------------|---|
| Colour | Black |
| Ink Formulation | Wax |
| Base Film | Polyester |
| Caliper | 4.6 microns |
| Scanning Capabilities | IR and visible Light |
| Ribbon Length | 450 metres/ 91 metres/ 110 metres |
| Stocked Widths | 40, 60, 80, 89, 102, 106, 110, 131, 156, 174 and 220 mm/ 64, 84, 110mm/ 110mm |

Recommended storage conditions: One year duration when stored at (-5°C to 40°C) at 20% to 80% RH



2100 Bar Code Scannability

The below scannability testing was performed on Z4M, 140XIII, 90XIII, 105SL and Stripe 600 printers.

| Label Facestock | Print Speed | Bar Code | Lab Results |
|--------------------------------|--------------------|--------------------------|----------------------|
| Coated Paper Labels and Tags | Up to 304.8mm/sec | 10 or 12 mil normal code | Typical ANSI Grade A |
| Matt Synthetics | Up to 254 mm/sec | 10 or 12 mil normal code | Typical ANSI Grade A |
| Uncoated Paper Labels and Tags | Up to 152.4mm/sec | 10 or 12 mil normal code | Typical ANSI Grade B |
| Coated Paper Labels and Tags | Up to 203.2 mm/sec | 15 mil rotated code | Typical ANSI Grade B |
| Matt Synthetics | Up to 152.4mm/sec | 15 mil rotated code | Typical ANSI Grade B |

Performance Analysis

All of the below tests were performed on Z-Xtreme™ 4000T White using 10 cycles (20 rubs) with the crockmeter.

| Test Solvents | Zebra 2100 |
|---------------------------------|------------|
| Glass Cleaner w/Ammonia | ✓ |
| Formula 409 | ✓ |
| Motor Oil | |
| Brake Fluid | X |
| Gunk Degreaser | X |
| WD-40 | X |
| Hexane | |
| Xylene | |
| Gasoline | |
| Acetone | |
| Alcohol (91% Isopropyl Alcohol) | ✓ |

✓ Scanning receives a "B" ANSI grade or better

X Scanning receives a "F" ANSI grade or better

□ Barcode does not scan

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 **02100BK11005**. For a full, up-to-date list of parts available for all Zebra printers, please contact your authorized Zebra reseller.



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