

3200 Premium Wax/Resin

Thermal Transfer Ribbon

Description:

The Zebra 3200 premium wax/resin thermal transfer ribbon is a special ink formulation for use with all industrial and desktop Zebra thermal transfer printers. This versatile ribbon provides outstanding print quality on a wide range of materials, and provides smear and scratch resistance on Zebra paper and synthetic labelstocks. In addition, this ribbon offers good resistance against many everyday chemicals, resulting in excellent staying power and durability in harsh environments.

UL Recognised and CSA Accepting Printing Systems with the following materials:

- Z-Xtreme™ 4000T White High-Tack
- Z-Xtreme™ 4000T Silver High-Tack
- Z-Xtreme™ 4000T White



Suggested Applications

- When one ribbon is preferred for multiple, industrial labelling applications
- Box, pallet, retail and shelf-edge labelling
- Outdoor product labelling applications
- Labels subject to extreme abrasion or friction
- Labels exposed to solvents, steam, alkali or acid solutions

Technical Specifications

| | Description |
|-----------------------|--|
| Colour | Black |
| Ink Formulation | Wax/ Resin |
| Base Film | Polyester |
| Base Film Caliper | 4.5 microns |
| Scanning Capabilities | IR and Visible Light |
| Ribbon Length | 450 metres / 362 metres / 91 metres / 74 metres |
| Stocked Widths (mm) | 40, 60, 80, 89, 102, 110, 131, 156, 174, 220mm / 64, 84, 110mm / 33, 56.9, 64, 84, 110mm |

Recommended Storage Conditions:

One year duration when stored at -5°C to 40°C
(23°F to 104°F) at 20% to 85% RH



3200 Bar Code Scannability

The below scannability testing was performed on Z4M, 140XiII, 90XiII, 170XiIII, 105SL and Stripe 600.

| Label Facestock | Print Speed | Bar Code | Lab Results |
|--------------------------------|-------------------|--------------------------|----------------------|
| Coated Paper Labels and Tags | up to 254mm/sec | 10 or 12 mil normal code | Typical ANSI Grade A |
| Synthetics | up to 203.2mm/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 C |
| Coated Paper Labels and Tags | up to 254mm/sec | 15 mil rotated code | Typical ANSI Grade B |
| Synthetics | up to 203.2mm/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 3200 |
|---------------------------------|------------|
| Glass Cleaner w/Ammonia | ✓ |
| Formula 409 | ✓ |
| Motor Oil | |
| Brake Fluid | X |
| Gunk Degreaser | X |
| WD-40 | X |
| Genesolv | |
| Hexane | X |
| Xylene | |
| Gasoline | X |
| Acetone | |
| Alcohol (90% Isopropyl Alcohol) | ✓ |

- ✓ Scanning receives a "B" ANSI grade or better
- X Scanning receives a "F" ANSI grade or better
- Barcode does not scan



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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:

3200BK11005

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

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