

2100 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. Also, its low printhead energy requirements for image transfer make it the ideal choice for high speed print up to 12 ips.

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

- PolyTrans 3000 White™
- PolyTrans 3000 Silver™
- PolyTrans 3000 Clear™ (UL Only)



Suggested Applications:

- General purpose labeling
- Shipping and receiving
- Inventory tracking
- Warehousing
- Retail labels / tags

Technical Specifications

2100 Wax	
Color	Black
Ink Formulation	Wax
Base Film	Polyester
Base Film Caliper	4.6 microns
Scanning Capabilities	IR and Visible Light
Ribbon Length(s) / Inner Core Width(s)	900m (2,955 ft.) / 25.4mm (1.0") <u>OR</u> 450m (1476 ft.) / 25.4mm (1.0") <u>OR</u> 91m (298ft.) / 12.7mm (0.5")
Stocked Widths (900m length)	60, 80, 110, 131, 156, 174mm (2.36", 3.15", 4.33", 5.16", 6.16", 6.85")
Stocked Widths (450m length)	40, 60, 80, 89, 102, 106, 110, 131, 156, 174, 220mm (1.57", 2.36", 3.15", 3.50", 4.02", 4.16", 4.33", 5.16", 6.16", 6.85", 8.66")
Stocked Widths (91m length)	64, 84, 110mm (2.52", 3.31", 4.33")

Recommended Storage Conditions:

23°F to 104°F (-5°C to 40°C) at 20% to 80% RH



2100 Bar Code Scannability

The below scannability testing was performed on a Z4000, 140Xi, 140X/II, 90X/II, 170Xi, 105S, and Stripe 500.

Label Facestock	Print Speed	Bar Code	Lab Results
Coated Paper Labels and Tags	Up to 12 ips	10 mil normal code	Typical ANSI Grade A
Synthetics	Up to 10 ips	10 mil normal code	Typical ANSI Grade A
Uncoated Paper Labels and Tags	Up to 6 ips	10 mil normal code	Typical ANSI Grade B
Coated Paper Labels and Tags	Up to 6 ips	15 mil rotated code	Typical ANSI Grade B
Synthetics	Up to 6 ips	15 mil rotated code	Typical ANSI Grade B

2100 Performance Analysis

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

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

*Trademarks of the respective companies.

* Scanning receives a "B" ANSI grade or better

✓ Scanning receives a "F" ANSI grade or better

□ Barcode does not scan

All products should be pre-tested to ensure it meets all intended requirements of specific end-use applications. For testing of this product, please order sample ribbon 2100BK08005.

