

Color Thermal Transfer Ribbons

Wide Color Range Across All Ink Types

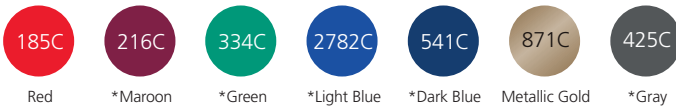


Benefits

- Ideal for short run prime labels, brand color matching, inventory control and item matching and sorting
- Assures quick visual recognition for coding, stocking, tracking and retrieving merchandise
- For use in standard barcode printers and multi-head printers like Astromed, cab and Microplex
- Excellent print quality with high durability on a broad range of paper and synthetic tags and labels
- Over 450 skus in 50 colors across all thermal transfer ribbon types

Color Guide

DC100 - Wax



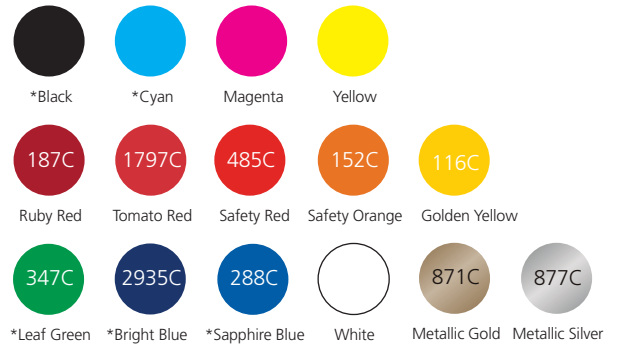
DC200 - Wax/Resin



Swatches are approximate representations of actual colors. No guarantee can be made as to exact PMS color match, the numbers are closest PMS match.

*Scannable color: may pass for visible light scanners.

DC300 - Resin



DC400 - Resin



NET Color - Near Edge Wax/Resin



310 Commerce Drive • Amherst, NY 14228
 Toll-Free: 888.464.4625 • Phone: 716.691.6333
salesinfo@iimak.com • www.iimak.com

Color Thermal Transfer Ribbons

Product Range and Specifications

PRODUCT	DC100	DC200	DC300	DC400	NET Color
Ink Type	Wax	Wax/Resin	Resin	Resin	Wax/Resin
Printhead	Flathead	Flathead	Flathead	Flathead	Near Edge
Description	Ideal for short term labeling	Highly versatile, widest stock latitude	Automotive-grade pigments, UV Stable	Low energy, high durability	Fast printing
# Spot Colors	7	12	11	5	4
White	-	✓	✓	-	-
Metallic Colors	Gold	Gold & Silver	Gold & Silver	-	Silver
Process Colors	-	✓	✓	-	-
iiColor Match	✓	✓	✓	✓	✓

APPLICATIONS

Typical Applications	Logistics, Shelf Label	Retail/preprint, Date/Lot Codes, Private Label, Tire Labels, Full Color Prime Labels	Drum Labeling, Electronics, Outdoor, Full Color Prime Labels	Durable labels, Textile	Retail/preprint, Date/Lot Codes, Private Label, Tire Labels
----------------------	------------------------	--	--	-------------------------	---

LABEL COMPATIBILITY

Paper	✓	✓+	-	-	✓+
BOPP/PE	-	✓	✓	✓	✓
PET	-	✓	✓+	✓+	✓
Vinyl	-	-	✓+	-	-

DURABILITY

Abrasion Resistance	✓	✓	✓+	✓+	✓
Chemical Resistance	-	✓	✓+	✓+	✓
Outdoor Durability	-	-	✓+	-	-

TECHNICAL SPECIFICATIONS*

Film Thickness (μ)	4.5	4.5	5.7	4.5	4.5
Total Thickness (μ)	8.0	7.4	7.0	8.0	7.5
Melt Point (F)	68°C/154°F	80°C/176°F	110°C/230°F	110°C/230°F	70°C/158°F
Print Speed	8 IPS	8 IPS	4ips	6 IPS	12 IPS
Print Energy	LOW	LOW-MED	HIGH	MED-HIGH	MEDIUM

COMPLIANCE

UL Recognized	-	-	✓	-	-
BS5609	-	-	✓	-	-

Choosing the Right Color Ribbon for Scanning Applications

While black bars on a white background are a very good combination, the barcode does not have to be black and white. The color chosen must appear black under red light. It's important that the color used for the bars is a pure color, and not one that is created using a four color printing process. Here are some tips from the GS1 organization on color scanning:

- Bars must always be darker than the spaces.
- Warm colors such as yellow, red, orange and white are not seen by the scanner and are good for background colors.
- Cold colors such as green, blue, violet, and black are a good choice, as they appear black under red scanning light.
- The light margins around the bar codes are vital. They must never be encroached.
- Metallic surfaces and inks reflect light away.

Symbol Key

- ✓+ Highly Recommend
- ✓ Recommend
- Not Recommended



310 Commerce Drive • Amherst, NY 14228
 Toll-Free: 888.464.4625 • Phone: 716.691.6333
salesinfo@iimak.com • www.iimak.com