Color Thermal Transfer Ribbons

Wide Color Range Across All Ink Types

Snack | Dairy | Produce | Medical | Pharmaceutical | Health/Beauty | Life Sciences | Automotive | Outdoor
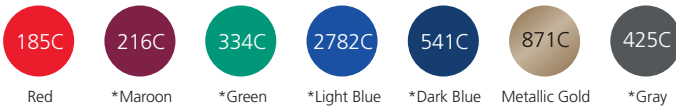
Benefits

- 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

| 185C Red | 216C *Maroon | 334C *Green | 2782C *Light Blue | 541C *Dark Blue | 871C Metallic Gold | 425C *Gray |

DC200 - Wax/Resin

*Black	*Cyan	Magenta	Yellow		
186C Red	208C *Wine	021C Orange	108C Lemon Yellow	347C *Shamrock Green	3308C *Forest Green
072C *Royal Blue	289C *Midnight Blue	2685C *Violet	4625C *Brown	White	871C Metallic Gold	877C Metallic Silver

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

*Black	*Cyan	Magenta	Yellow
187C Ruby Red	1797C Tomato Red	485C Safety Red	152C Safety Orange	116C Golden Yellow
347C *Leaf Green	2935C *Bright Blue	288C *Sapphire Blue	White	871C Metallic Gold	877C Metallic Silver

DC400 - Resin

| 185C Red | 339C *Green | 3005C *Light Blue | 289C *Dark Blue | 425C Gray |

NET Color - Near Edge Wax/Resin

| 185C Red | 286C *Royal Blue | White | 877C Metallic Silver |

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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