



DC-300/DC-305

Specialty Color Resin Thermal Transfer Ribbons

Product Highlights

Designed for Use on Vinyl Stocks – May also work on some polyesters and polypropylenes. Actual application testing recommended.

Superior Durability and Resistance to Chemicals
Increase customer satisfaction by maintaining long term image readability in harsh environments, even when subjected to scratching, smudging, and cleaning.

30 Vibrant Colors Available – Bring more attention to an item by offering colors for variable information that coordinate with pre-printed or corporate colors. Choose a color that contrasts with the background film making information easier to see.

Superb Print Quality - Improve the image of item being identified, especially important when information printed is used for branding or in consumer goods. Logos, fine lines, and small fonts print exceptionally well.

Ideal for Outdoor Use – Reduce cost, no additional lamination is needed to protect and maintain information when exposed to the weather. Colors are UV stable for 3 – 5 years.

Technical Specifications

Maximum Print Speed	2 ips
Film Thickness	5.7 Microns
Total Ribbon Thickness	7.0 Microns
Ink Melting Point	80°C /176°F
UV Resistance	3 – 5 years

Storage Conditions

To ensure optimal performance, please adhere to the following environmental conditions for use, shipping and storage. For optimal print results, thermal transfer printing should occur in the temperature range of **5° C** (41° F) to **35° C** (95° F) at 45% to 85% relative humidity. Recommended shipping conditions for up to one month duration are **-5° C** (23° F) to **45° C** (113° F) at 20% to 85% relative humidity. To ensure the ribbon's performance, our suggested storage conditions for up to one year duration are **-5° C** (23° F) to **40° C** (104° F) at 20% to 85% relative humidity.

Color Chart

Spot Colors									
Sapphire Blue 288C*	●	Olympic Blue 299C*	●	Leaf Green 347C*	●	Golden Yellow 116C*	●	Black	●
Bright Blue 2935C*	●	Tomato Red 1797C*	●	Forest Green 3308C*	●	Sunflower Yellow 137C*	●	Super Opaque Black	●
Ocean Blue 300C*	●	Ruby Red 187C*	●	Pine Green 3425C*	●	Orange Warm RedC*	●	Super Opaque White	○
Blue 2728C*	●	Intense Red 186C*	●	Green*	●	Gray 422C*	●	Metallic Silver (indoor only)	●
Reflex Blue*	●	Burgundy 209C*	●	Yellow 108C*	●	Dark Gray 425C*	●	Metallic Gold (indoor only)	●
Process Colors									
Cyan Process Cyan*	●	Magenta Process Magenta*	●	Yellow Process Yellow*	●	Black Process Black*	●		●
Ultra UV Yellow 123C*	●								
* Closest PMS color match. Colors may be compared to the PANTONE®, INC. colors, but no guarantee is made as to exact color match. PANTONE, INC. has not approved, licensed, or sponsored the IIMAK colors or this chart, nor has PANTONE, INC. performed any matching of IIMAK colors to PANTONE, INC.'s colors. The PANTONE MATCHING SYSTEM and PANTONE color designators are the exclusive property of PANTONE, INC.									

Star Diagram

This diagram is representative of DC-300/DC-305 ribbons used in applications when printing on vinyl. Scale of 1 to 5, 5 being the best.

