

Colour ribbons for Flat Head printers

**THERMAL
TRANSFER
RIBBONS**

Wide colour range across all ink types and for all printer brands

- Ideal for short run labels, inventory control and item matching and sorting
- For use in all standard barcode printers and multi-head printers



WAX

DC100S
GREY (425 C)

DC100S
LIGHT BLUE (2728 C)

DC100S
RED (185 C)

DC100S
DARK BLUE (541 C)

DC100S
GREEN (334 C)

DC100S
GOLD (874 C)



WAX RESIN

APR*5W
WHITE (White)

DC200S
RED (186 C)

DC200P
YELLOW (Process Yellow)

DC200S
KELLY GREEN (347 C)

DC200P
CYAN (Process Cyan)

DC200S
MIDNIGHT BLUE (289 C)

DC200S
GOLD (871 C)

APR*531GY
GREY (5425 C)

DC200S
WINE RED (208 C)

DC200S
LEMON YELLOW (108 C)

DC200S
SHAMROCK GREEN (334 C)

APR*5B
BLUE (286 C)

DC200S
VIOLET (2685 C)

DC200P
MAGENTA (Process Magenta)

DC200S
ORANGE (021 C)

DC200S
BROWN (4625 C)

DC200S
FOREST GREEN (3308 C)

DC200S
ROYAL BLUE (072 C)

DC200S
SILVER (877 C)



RESIN

DC305S
WHITE (White)

DC300S
SAFETY RED (485 C)

DC300S
GOLDEN YELLOW (116 C)

DC400S
LIGHT BLUE (3005 C)

DC305S
SILVER (877 C)

DC400S
GREY (425 C)

DC300S
RUBY RED (187 C)

DC400S
GREEN (339 C)

DC400S
DARK BLUE (289 C)

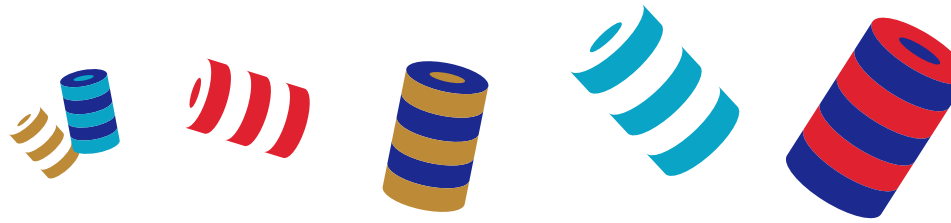
DC305S
GOLD (871 C)

DC400S
RED (185 C)

DC300S
SAFETY ORANGE (152 C)

DC300S
FOREST GREEN (3308 C)

DC300S
SAPPHIRE BLUE (288 C)



Colour ribbons for Flat Head Printers

Choosing the right colour ribbon for barcode scanning applications

While black bars on a white background are a very good combination, it is possible to print with colours as long as they appear black under red scanning light. Here are some tips from the GS1 organisation on colour scanning:

- ▮ Bars must always be darker than the spaces.
- ▮ Cold colours such as green, blue, violet, and black are a good choice.
- ▮ Warm colours such as yellow, red, orange, and white are not seen by the scanner.
- ▮ Metallic inks and surfaces reflect too much light preventing the scanner to distinguish between bars and spaces.

Color Range Specifications

	Wax	Wax-Resin	Resin
Description	Ideal for short-term labeling, economical, best for paper labels	Highly versatile, short to long-term labeling, widest stock latitude	High durability, long-term labeling, exterior applications
Recommended substrates			
Rough papers	● ● ● ● ●	● ● ● ● ●	○ ○ ○ ○ ○
Coated papers/tags	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Synthetics	● ● ● ● ○	● ● ● ● ○	● ● ● ● ●
Print resistance			
Abrasion	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Solvent	○ ○ ○ ○ ○	○ ○ ○ ○ ○	● ● ● ● ●
Heat	60-100°C 140-212°F	100-150°C 212-302°F	180-300°C 356-572°F
Technical specifications			
Film thickness	4,5µm	4,5µm	4,5 - 5,7µm
Total ribbon thickness	<9µm	<9µm	<9µm
Coefficient of friction	Kd < 0,2	Kd < 0,2	Kd < 0,2
Antistatic designed	Yes	Yes	Yes
Maximum print speed	10 - 16 ips (250 - 400 mm/s)	8 - 16 ips (203 - 400 mm/s)	8 - 10 ips (203 - 250 mm/s)
Heat settings			
Storage conditions			
Storage time	12 months recommended	12 months recommended	12 months recommended
Relative Humidity	20-80%	20-80%	20-80%
Temperature	5-35°C (40-95°F)	5-35°C (40-95°F)	5-35°C (40-95°F)