

# Colour ribbons for Near Edge 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



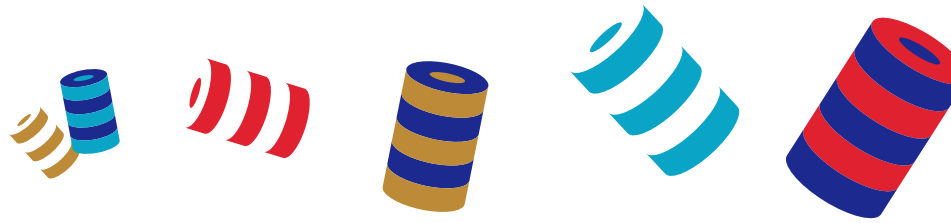
## WAX RESIN

- |  |  |  |
|--|--|--|
|  <b>APR 600UW</b><br>WHITE (White)          |  <b>NET SPOT</b><br>GREY (424 C)                  |  <b>APR 600M</b><br>MAGENTA (Process Magenta) |
|  <b>APR 600R</b><br>RED (1788 C)            |  <b>APR 600BN</b><br>BROWN (484 C)                |  <b>APR 600-O</b><br>ORANGE (151 C)           |
|  <b>APR 600Y</b><br>YELLOW (Process Yellow) |  <b>APR 600G</b><br>GREEN (Green C)               |  <b>APR 600C</b><br>CYAN (Process Cyan)       |
|  <b>NET SPOT</b><br>ROYAL BLUE (286 C)    |  <b>APR 600B</b><br>REFLEX BLUE (Reflex Blue C) |  <b>NET SILVER</b><br>SILVER (877 C)        |
|  <b>APR 600GD</b><br>GOLD (871 C)         |  |  |

## RESIN

- |  |  |  |
|--|--|--|
|  <b>AXR 600W</b><br>WHITE (White) |  <b>AXR 600R</b><br>RED (192 C) |  <b>AXR 600G</b><br>GREEN (Green C) |
|  <b>AXR 600B</b><br>BLUE (286 C)  |  |  |





# Colour ribbons for Near Edge 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.

## Colour Range Specifications

	Wax-Resin	Resin
<b>Description</b>	Highly versatile, short to long-term labeling, widest stock latitude	High durability, long-term labeling, exterior applications
<b>Recommended substrates</b>		
Rough papers	●●●●○	○●●●○
Coated papers/tags	●●●●●	●●●●○
Synthetics	●●●●○	●●●●●
<b>Print resistance</b>		
Abrasion	●●●●○	●●●●●
Solvent	○●●●○	●●●●○
Heat	100-110°C   212-230°F	180-250°C   356-482°F
<b>Technical specifications</b>		
Film thickness	4,5µm	4,5µm
Total ribbon thickness	<9µm	<9µm
Coefficient of friction	Kd < 0,2	Kd < 0,2
Antistatic designed	Yes	Yes
Maximum print speed	8 - 16 ips (203 - 400 mm/s)	8 - 10 ips (203 - 250 mm/s)
Heat settings		
<b>Storage conditions</b>		
Storage time	12 months recommended	12 months recommended
Relative Humidity	20-80%	20-80%
Temperature	5-35°C (40-95°F)	5-35°C (40-95°F)