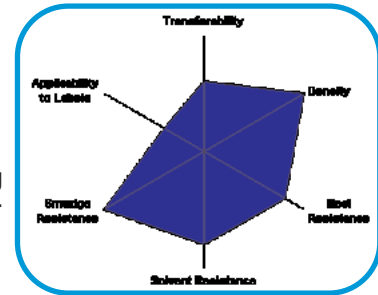


## PRK43518 Colours

PRK43518 is a resin ribbon, designed to provide a durable image onto vinyl substrate and plastic labels. It is optimised for resistance to smudging and scratching and is totally chemical resistant. The structure of these ribbons is based on a special formulation comprising synthetic resins. They guarantee long-lasting legibility thanks to highest possible durability and stability of the print



### Ribbon Properties

<b>Ink Type</b>	<b>Resin</b>
<b>Ribbon Thickness</b>	<b>8.8µm</b>
<b>Base Film Material</b>	<b>Polyester</b>
<b>Base Film Thickness</b>	<b>4.5µm</b>
<b>Ink Colour</b>	<b>Various</b>
<b>Transmission Density</b>	<b>More than 1.5 (Macbeth)</b>
<b>Recording Energy</b>	<b>17mJ/mm_</b>
<b>Scratch Resistance</b>	<b>In a rubbing test, withstood more than 4000 cycles at 200g/cm_</b>
<b>Printing Properties</b>	<b>More than 2.0 (Macbeth)</b>
<b>Image Density</b>	<b>More than ANSI 3.5, A (Parallel Bar Code)</b>
<b>Symbol Grade</b>	<b>Polyester Film, Plastic Film, Synthetic paper, PET, Plastic Card.</b>
<b>Label Face Stock</b>	<b>Up to 6 inch/sec</b>
<b>Print Speed</b>	<b>5°C to 35°C, 10% to 80% Relative Humidity</b>
<b>Usage Conditions</b>	<b>0°C to 40°C, 10% to 90% Relative Humidity</b>
<b>Storage Conditions</b>	

### Key Characteristics

- excellent results when tested for petrol and alcohol resistance
- exceptionally high scratch and smudge resistance
- outstanding temperature resistance
- print temperature in the upper third of the temperature range capability of printers
- heavy metal free formulation in accordance with EN 71
- compatible with all commonly available thermal transfer printers
- Minimum order one run – ideal for short print runs
- Competitively priced

**Recommended Substrates** Plastic, vinyl, PE, PVC and PP materials

**Applications** Ideal for harsh environments, drum labels, signage, outdoor labels, pharmaceutical labels

**Colours available** – High Resolution Black, Super black, General Purpose black, Regular White, Flood White, Kumquat, Safety Orange, Red, Tomato Red, Ruby Red, Cerise, Burgundy, Brown, Plum purple, purple, light purple, navy, cobalt blue, intense blue, Electric blue, Olympic blue, Light blue, Peacock Blue, Agua, Lime green, Apple green, Kelly Green, Forest Green, Teal, Beige, Light Grey, Dark Grey, Lemon, Spot yellow, Sunflower, Process Cyan, Process Magenta, Process Yellow, Process Black, Top coat plus, Mirror silver, mirror gold, Lacquer Silver, Lacquer gold, Oxide, Champagne, Mother of pearl, Pink zinc, Beryllium, Steel, Gold Oxide, Titanium, Copper, Lithium, Bronze, Gun-Metal, Lazer Red, Lazer Blue

This ribbon is manufactured in accordance with ISO 9001:2000 European Quality Standard

We guarantee that the mentioned products are in compliance with the following EC directive.

1. EN 2002/95/EC: Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
2. EN 2002/96/EC: Directive on waste electrical and electronic equipment (WEEE)

**TYPE**  
**RITE 08**  
**LIMITED**