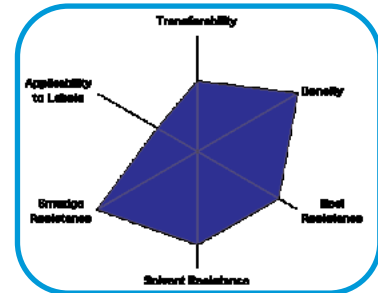


## PRS40018 Colours

PRS40018 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.



### Technical specifications

#### 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<sub>2</sub></b>
<b>Scratch Resistance</b>	<b>In a rubbing test, withstood more than 4000 cycles at 200g/cm<sub>2</sub></b>

#### Printing Properties

<b>Image Density</b>	<b>More than 2.0 (Macbeth)</b>
<b>Symbol Grade</b>	<b>More than ANSI 3.5, A (Parallel Bar Code)</b>
<b>Label Face Stock</b>	<b>Polyester Film, Plastic Film, Synthetic paper, PET, Plastic Card.</b>
<b>Print Speed</b>	<b>Up to 6 inch/sec</b>
<b>Usage Conditions</b>	<b>5°C to 35°C, 10% to 80% Relative Humidity</b>
<b>Storage Conditions</b>	<b>0°C to 40°C, 10% to 90% Relative Humidity</b>

### Key characteristics

- excellent results when tested for petrol and alcohol resistance
- exceptionally high scratch and smudge resistance
- outstanding temperature resistance and resistant to steam
- 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
- Durability in chemical printing and industrial applications

### Recommended substrates

Plastic, vinyl, Coated paper, Synthetic paper, Polyolefin, Polyester, Polypropylene, Polyethylene.

### Applications

Ideal for harsh environments, drum labels, signage, outdoor labels, pharmaceutical labels, Cable sleeving, pharmaceutical labelling, electrical appliance labelling, automotive parts labelling.

**Colours available** Seville orange, Scarlet, Deep red, True blue, Peppermint, Fern Green, Process Cyan, Process Magenta, Process Yellow, Process Black

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**