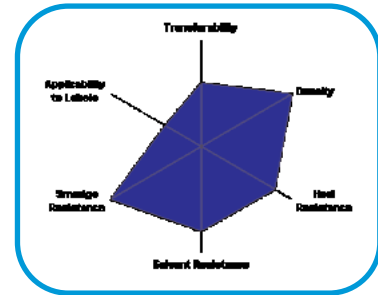


## PRS31018 RESIN

PRS31018 is a premium resin ribbon, designed to provide a durable image on plastic labels. It is optimised for resistance to smudging and scratching. It is solvent and chemical resistant and is ideally suited for harsh environments.



### Technical Specifications

#### Ribbon Properties

Ink Type	Resin
Ribbon Thickness	8.8µm
Base Film Material	Polyester
Base Film Thickness	4.5µm
Ink Colour	Black
Transmission Density	More than 1.5 (Macbeth)
Recording Energy	17mJ/mm <sub>2</sub>
Scratch Resistance	In a rubbing test, withstood more than 4000 cycles at 200g/cm <sub>2</sub>

#### Printing Properties

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

### Key Characteristics

- Excellent Heat Resistance
- Excellent Chemical Resistance
- Scratch/Smudge Proof
- Withstand harsh environments
- Excellent price
- Minimum order one run

### Applications

Shipping Labels, Inventory labels, Pharmaceutical labels, Retail Tags, Tickets, Storage Labels, Warning labels, Drum Labeling, Electronic Process Labeling – (Circuit Board) Product ID, Medical, Credit Card, General ticketing

### Recommended Substrates

Plastic, PE, PET and vinyl labels

### BEST STORAGE CONDITION

Keep out of direct sunlight  
Temperature -5°C - 40°C  
Humidity 20%-85%RH  
12 months from date of manufacture

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**