



## High performance ribbon for extreme conditions

### Applications

- Chemical labels
- Under the hood labels
- Tire labels
- Laboratory labels
- Patient wristband
- Cosmetics packaging labels
- Printed circuit board (PCB) labels
- Machinery and equipment labels
- And many more...



### Key benefits

- Excellent resistance to smudge and scratch
- Excellent resistance to solvents and to high temperature
- High print quality on all synthetic substrates

### Recommended substrates

Rough papers	○ ○ ○ ○ ○
Coated papers/tags	● ○ ○ ○ ○
Synthetics	● ● ● ● ●
Packaging films	● ● ● ○ ○

### Print quality

0° barcode	● ● ● ● ●
90° barcode	● ● ● ● ●
Small characters	● ● ● ● ●

### Print resistance

Abrasion	● ● ● ● ●
Solvent	● ● ● ● ○
Heat	250°C   482°F

### Printer parameters

Maximum speed: 8 ips (200 mm/s)

Heat settings:



### Technical specifications

Film thickness: 4,5µm  
Total ribbon thickness: <9µm  
Ink melting point: 80°C | 176°F  
Coefficient of friction: Kd < 0,2  
Ink blackness: 1,6 ODR  
Antistatic designed

### Approvals

REACH / SVHC 1907/2006/EC  
EU Food Contact 1935/2004/EC  
US Food Contact FDA  
RoHS / Heavy Metals 2011/65/EU  
California Proposition 65  
UL 969  
BS 5609

### Storage conditions

- 12 months recommended
- 20-80% Relative Humidity
- 5-35°C (40-95°F) temperature