



## High performance ribbon for extreme conditions

### Applications

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



### Key benefits

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

### Recommended substrates

|                    |           |
|--------------------|-----------|
| Rough papers       | ○ ○ ○ ○ ○ |
| Coated papers/tags | ● ○ ○ ○ ○ |
| Synthetics         | ● ● ● ● ● |

### 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