



## High performance ribbon for demanding applications

### Applications

- Blood & IV bag labels
- Drug labels
- Patient wristbands
- Printed circuit board labels
- Chemical labels
- Machinery and equipment labels
- Cosmetics packaging labels
- Under the hood labels
- And many more...



### Key benefits

- Exceptional durability for harsh environment labeling
- Excellent mechanical durability
- Good resistance to chemicals

### Recommended substrates

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

### Print quality

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

### Print resistance

Abrasion	● ● ● ● ●
Solvent	● ● ● ○ ○
Heat	180°C   356°F

### Printer parameters

Maximum speed: 8 ips (200 mm/s)

Heat settings:



### Technical specifications

Film thickness: 4,5µm  
 Total ribbon thickness: <7µm  
 Ink melting point: 110°C | 230°F  
 Coefficient of friction: Kd < 0,2  
 Ink blackness: 2,2 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  
 Halogens IEC 61249-2-21:2003  
 UL 969  
 BS 5609

### Storage conditions

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