



# AirTrack® Performance Product

## Series 40 RESIN

### THERMAL RIBBON

### SPECIFICATIONS

#### Features

The Series 40 resin thermal ribbon produces dark images with excellent edge definition, resulting in excellent scan rates when printed on synthetic labels/films. It is resistant to smudges, scratches, and solvents, making it ideal for printing information that must remain throughout a product lifecycle.

#### Compliance and Certifications

- FDA 21 CFR 175.105 for indirect food contact
- RoHS
- REACH/SVHC Free
- UL 969

#### Suggested Applications

- Automotive
- Chemical Labeling
- Food and Beverage
- Horticulture and Outdoor
- Mechanical and Electrical Parts
- Medical Devices
- Pharmaceutical

#### Compatible Substrates

- Glossy Coated Paper
- Polypropylene Synthetic
- Polyethylene Synthetic
- Polyester Synthetic

#### Ribbon Properties

| COMPONENT            | DESCRIPTION  |
|----------------------|--------------|
| Ink                  | Resin        |
| Melting point        | 176°F (80°C) |
| Base Film Thickness  | 4.5 µm       |
| Friction Coefficient | Kd < 0.2     |

#### Printing Properties

| FEATURE               | DATA          |
|-----------------------|---------------|
| Speed                 | 10 ips        |
| Blackness             | 1.7 ODR       |
| Mechanical Resistance | 85/100        |
| Abrasion Resistance   | 95/100        |
| Heat Resistance       | 356°F (180°C) |

#### Storage Conditions

For optimal performance, ribbon should be kept away from light, and kept between 40-95°F (5-35°C) at 20-80% humidity. In these conditions, we recommend ribbon be used within 12 months.

*All materials should be tested under actual application conditions to determine performance suitability. All information is subject to change without notice.*

Lorem ipsum