



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.