



AirTrack Performance Product Series 34 RESIN

THERMAL RIBBON SPECIFICATIONS

Features

The Series 34 resin thermal ribbon was formulated for excellent print durability and is intended for use with synthetic labels/films and textiles. It is resistant to smudges, scratches, solvents, and high temperatures, 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

- Chemical Labeling
- Circuit boards
- Mechanical and Electrical Parts
- Horticulture and Outdoor
- Laboratory and Blood Bag
- Medical Devices
- Signage and Logos

Compatible Substrates

- Polypropylene Synthetic
- Polyethylene Synthetic
- Polyester Synthetic
- Textiles (cotton, acetate, nylon, satin)

Ribbon Properties

COMPONENT	DESCRIPTION
Ink	Resin
Melting point	185°F (85°C)
Base Film Thickness	4.5 µm
Friction Coefficient	Kd < 0.11

Printing Properties

FEATURE	DATA
Speed	8 ips
Blackness	1.6 ODR
Mechanical Resistance	100/100
Abrasion Resistance	100/100
Heat Resistance	392°F (200°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.