



Zygology Resin

Thermal Transfer Ribbon

Description:

Zygology Resin provides excellent print quality for all barcodes, very small text, large characters and logos at blackness above 1.7 (ODR).

The ribbon prints onto many synthetics (PVC, PET, PE, PP), and some coated papers. The printed image offers excellent smudge and scratch resistance, and good heat resistance, up to 180°C. Suitable for speeds up to 250mm/s. Compatible with 200, 300 and 600 DPI printheads, this ribbon is suitable for label printing or the printing of flexible packaging.

Zygology Resin features outstanding back coat technology ensuring excellent printhead protection, no clogging and prevents static build up.

Suggested Applications:

- Automotive
- Rating plates
- Healthcare
- Laboratories
- Flexible packaging
- Outdoor use

Technical Specifications

Zygology Wax	
Back Coating	Silicon based. Friction coefficient: Kd <0.2
PET Film Thickness:	4.5µm. Tear resistance: >300 N/mm (MD)
Ink Wax-Resin.	Melting point: 75 °C
Ribbon Thickness (black):	<10 µm

Recommended Storage Conditions:

Storage: 12 months,
5-35°C (40-95 °F),
20-80 % Humidity Rate

All products should be tested to ensure they meet the requirements of the application in which they will be used.