



# Zygology Ultra-Resin

## Thermal Transfer Ribbon

### Description:

Zygology Ultra-Resin provides excellent print quality for all barcodes, very small text, large characters and logos at blackness above 1.6 (ODR).

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

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

### Suggested Applications:

- Automotive
- Rating plates
- Flexible packaging
- Chemical drums
- Outdoor use

### Technical Specifications

Zygology Wax	
<b>Back Coating</b>	Silicon based. Friction coefficient: Kd <0.2
<b>PET Film</b>	Thickness: 4.5µm. Tear resistance: >300 N/mm (MD)
<b>Ink</b>	Wax-Resin. Melting point: 85 °C
<b>Ribbon</b>	Thickness (black): <8 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.