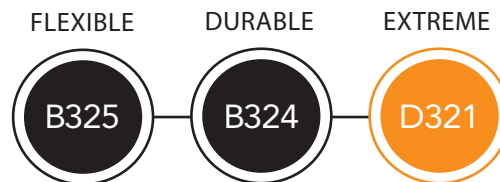


# D321

Resin - Flat Head Thermal Transfer Ribbon



## Extreme Series Resin™

Designed to meet your most demanding applications

D321 Textile Resin is specially formulated for use on a wide range of care labels. D321 provides excellent resistance to dry cleaning, home washing, industrial washing and ironing. This speciality resin for textiles offers superb performance characteristics, and produces high definition, high density bar codes and images.

## Applications

Warehouse  
Healthcare  
Pharmaceutical  
Chemical  
Electronics  
Metals  
Lumber  
Industrial



## Characteristics

Low printhead energy

Abrasion resistance	●
Scratch resistance	●
Print flexibility	
High density print	●
Chemical resistance to common agents	●
Chemical resistance to hazardous chemicals	●
High speed	
Anti-static PrintheadSaver® coating for printhead protection	●

Applicable characteristics are indicated with dot

**ITW**  
Thermal Films

[www.itwthermalfilms.com](http://www.itwthermalfilms.com)

# D321

## Wax Resin - Flat Head Thermal Transfer Ribbon

### Substrates

<b>Papers</b>	n/a
<b>Synthetics</b>	Polyester, Polyethylene, Polypropylene, PVC

### Properties

<b>Carrier</b>	4.5µm Polyester film
<b>Thickness</b>	7.4 µm
<b>Color</b>	Black
<b>Ink melting point</b>	100°C
<b>Optical density (transmission)</b>	> 0.85
<b>Optical density (reflective)</b>	> 1.90



This information is the best currently available on the subject. The results should, however only be regarded as a general guide to material properties and not as a guarantee

### Complete Range

ITW Thermal Films produce and supply a range of thermal ribbons for all applications. Contact us for further information on the D321 ribbon and our full product catalogue.

Resin Enhanced Wax For general purpose labelling	B220
Extreme Series Wax Resin™ For optimum print quality	B121 B128 B120
Extreme Series Resin™ For demanding applications	B325 B324 D321
Near Edge For near edge or corner edge printers	B112 P110 P110 W P310

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