

# B814

Resin - Extreme Plus ESR™



## Extreme Series Resin™

Designed to meet your most demanding applications

B814 Extreme Plus ESR™ resin ribbon provides unparalleled resistance in the harshest environments, and is the ESR™ resin ribbon of choice for your extreme plus labeling market segments. B814 is particularly well suited to work with high end synthetics and delivers exceptional durability to a wide range of chemicals.

## Applications

Chemical  
Electronics  
Healthcare  
Industrial  
Lumber  
Metals  
Pharmaceuticals  
Warehouse



## 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

Wide working windows

Anti-static PrintheadSaver® coating for printhead protection ●

Applicable characteristics are indicated with dot



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### Substrates

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

### Properties

<b>Carrier</b>	4.5µm Polyester film
<b>Thickness</b>	7.6 µm
<b>Color</b>	Black
<b>Ink melting point</b>	100°C
<b>Optical density (transmission)</b>	> 0.80
<b>Optical density (reflective)</b>	> 2.10



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 B814 ribbon and our full product catalog.

#### Resin Enhanced Wax

For general purpose labelling

B220

#### Extreme Series Wax Resin™

For optimum print quality

B121

B128

B120

B120  
R

#### Extreme Series Resin™

For demanding applications

B324

B324  
R

B325  
W

B813

B814

D321

C5440

#### Near Edge

For near edge or  
corner edge printers

B112

P110

P110  
W

P310

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