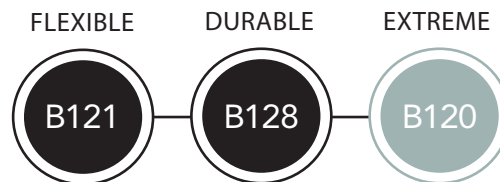


# B120

Wax Resin - Flat Head Thermal Transfer Ribbon



## Extreme Series Wax Resin™

Engineered to provide optimum print quality

B120 Extreme ESM™ wax/resin has been specifically formulated to perform optimally in harsh work environments, where high durability is needed to maintain long-lasting print images. B120's high performance characteristics include: good durability to common agents; such as household cleaners, water and isopropylene (IPA), as well as providing superior abrasion, solvent and scratch resistance. B120 offers low energy release to deliver exceptional print density, excellent rotated bar codes and images on both paper and synthetic substrates.

## Applications

Warehouse  
Healthcare  
Pharmaceutical  
Retail  
Horticulture  
Transportation  
Chemical  
Fresh Fruit/Produce  
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



# B120

## Wax Resin - Flat Head Thermal Transfer Ribbon

### Substrates

<b>Papers</b>	Coated
<b>Synthetics</b>	Polyester, Polyethylene, Polypropylene, PVC

### Properties

<b>Carrier</b>	4.5µm Polyester film
<b>Thickness</b>	< 8.0 µm
<b>Color</b>	Black
<b>Ink melting point</b>	80°C
<b>Optical density (transmission)</b>	> 0.90
<b>Optical density (reflective)</b>	> 1.70



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 B120 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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