

# B121

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Wax/resin

FLEXIBLE **ESM**<sup>TM</sup>



B121 Flexible ESM<sup>TM</sup> wax/resin is designed to give outstanding print density on the widest range of label materials at high speed while using minimal printhead energy. Designed for flathead thermal transfer printers, B121 is an excellent all around flexible wax/resin ribbon that produces dark, crisp bar codes and images and offers durability and scratch/abrasion resistance above a wax ribbon making it ideal for a wide assortment of applications.



## 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 <sup>®</sup> coating for printhead protection	•

• Applicable characteristics are indicated with dot



Fresh Fruit & Produce



Healthcare



Horticulture/  
Nursery



Pharmaceutical



Retail



Transportation



Warehouse

**TW**  
 Thermal Films

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

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FLEXIBLE ESM™



Flat head range



Near edge and corner edge

### Recommended substrates

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

### Ribbon properties

<b>Carrier</b>	4.5µm Polyester film
<b>Thickness</b>	< 9.0µm
<b>Color</b>	Black
<b>Ink melting point</b>	80°C
<b>Optical density (transmission)</b>	> 1.00
<b>Optical density (reflective)</b>	> 1.70

#### ITW Thermal Films USA

Romeo, Michigan, USA  
1 586 752 5553

#### ITW Thermal Films Northern Europe

Leicester, United Kingdom  
44 0 116 240 6400

#### ITW Thermal Films Southern Europe

Valenza, Italy  
39 0131 950202

#### ITW Specialty Films Korea

Seoul, Korea  
82 2 2104 9200  
Chonan, Korea  
82 41 559 4100

#### ITW Thermal Films China

Shanghai, China  
86 21 5430 5701



This product is halogen free



www.itwthermalfilms.com



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