B112

Wax Resin - Near Edge Thermal Transfer Ribbon

Near Edge
Specifically for near edge or corner edge technology printers

B112 is a flexible wax/resin ribbon specifically designed to work with near edge technology printers in high volume labelling applications like flexible film and print and apply applications. B112 wax/resin ribbons use low print energy, provide consistent print quality and clean dot edges for dense barcodes. This ensures that they are readable on a wide range of media at high speeds.

Applications

Warehouse
Healthcare
Pharmaceutical
Retail
Horticulture
Transportation
Fresh Fruit/Produce
Metals
Lumber
Industrial
Flex Packaging

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
B112

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Substrates

<table>
<thead>
<tr>
<th>Papers</th>
<th>Uncoated, Coated, Card</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetics</td>
<td>Polyester, Polyethylene, Polypropylene, PVC</td>
</tr>
</tbody>
</table>

Properties

<table>
<thead>
<tr>
<th>Carrier</th>
<th>4.5µm Polyester film</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>&lt; 8.0 µm</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Ink melting point</td>
<td>70°C</td>
</tr>
<tr>
<td>Optical density (transmission)</td>
<td>&gt; 0.80</td>
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<tr>
<td>Optical density (reflective)</td>
<td>&gt; 1.60</td>
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</tbody>
</table>

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 B112 ribbon and our full product catalogue.

Resin Enhanced Wax
For general purpose labelling

Extreme Series Wax Resin™
For optimum print quality

Extreme Series Resin™
For demanding applications

Near Edge
For near edge or corner edge printers

Northern Europe
Vitruvius Way, Meridian Business Park
Leicester, LE19 1WA, UK
Tel: +44 (0) 116 240 6400  Fax: +44 (0) 116 240 6401
sales@itwthermalfilms.co.uk

Southern Europe
Strada per Solero – Z.L. D4
15048 Valenza (AL), Italy
Tel: +39 (0) 131 950202  Fax: +39 (0) 131 946029
info@itwthermalfilms.it

Spain/Portugal/Africa
Procelas-Cacheiras
15886 Teo - La Coruña, Spain
Tel: +34 981 806339 Fax: +34 981 806371
mmartins@itwfoils.es

The Americas
14981 32 Mile Road, Romeo, MI 48065
Tel: 586 752 5553  Fax: 586 752 3532
Toll Free: 877 TTR FILMS (877 887 3456)
info@itwthermalfilms.com

Asia / Pacific
Seoul, Korea, 5F Rocket Bldg. 747-29
Yeoksam-Dong, Kangnam-Ku, Seoul 135-080, Korea
Tel: +82 2 2104 9200  Fax: +82 2 2104 9299
info@itwflk.co.kr

China
201, 2nd Bldg., No. 1507 Hong Mei Road South
Shanghai, 200237, China
Tel: +86 21 5430 5701 Fax: +86 21 5430 5709
info@itwthermalfilms.cn

ITW Thermal Films
www.itwthermalfilms.com