P110

Wax Resin - Near Edge Thermal Transfer Ribbon

P110 Techno-Edge™ high speed wax/resin is a thermal transfer ribbon that is designed specifically for online date coders and high speed print and apply applications, where optimum printing performance at high speeds is required. Developed for near edge technology printers, P110 produces excellent print density and definition on a wide range of substrates, producing high resolution bar codes, texts and graphics. P110 has a high resistance to scratching, smearing, abrasion and heat for superior scan rates in high volume applications.

Applications

- Healthcare
- Pharmaceutical
- Retail
- Fresh Fruit/Produce
- 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

Near Edge

Specifically for near edge or corner edge technology printers

Applicable characteristics are indicated with dot
Wax Resin - Near Edge Thermal Transfer Ribbon

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>
</tr>
<tr>
<td>Optical density (reflective)</td>
<td>&gt; 1.60</td>
</tr>
</tbody>
</table>

Complete Range

ITW Thermal Films produce and supply a range of thermal ribbons for all applications. Contact us for further information on the P110 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
- P310

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.

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