**EcoShield® Heat Sealable Paper**

**DESCRIPTION**

EcoShield® Heat Sealable Paper is a packaging product coated with a water-based heat sealable adhesive coating. Seams formed from properly sealed product (heated with coated sides together) have a bond stronger than the paper.

EcoShield® Heat Sealable Paper is fully repulpable and can readily be recycled.

**PACKAGING & STORAGE**

EcoShield® Heat Sealable Paper is available in 600’ (182.88 m) or longer stock rolls, 36” or 48” (1 or 1.22 m) wide.

Custom sizes up to 68” (1.73 m) wide are available upon request.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 4-100 °F (4-38 °C).

Shelf life: 2 years

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**FEATURES**

- Fully recyclable (repulpable)
- Non-hazardous, environmentally responsible
- Forms strong permanent bond between coated surfaces
- Printable

**TYPICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>TAPPI</th>
<th>Unit</th>
<th>EcoShield® N45 Paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basis Weight</td>
<td>T-410</td>
<td>lb/3,000 ft² (g/m²)</td>
<td>35±1 (60±2)</td>
</tr>
<tr>
<td>Base Stock</td>
<td>T-410</td>
<td>lb/3,000 ft² (g/m²)</td>
<td>37 (60)</td>
</tr>
<tr>
<td>Caliper</td>
<td>T-411</td>
<td>Mil (µm)</td>
<td>3.75±0.5 (93.5±12)</td>
</tr>
<tr>
<td>Brightness</td>
<td>T-452</td>
<td>%</td>
<td>92</td>
</tr>
<tr>
<td>Seal Strength</td>
<td>ASTM F88-99</td>
<td>lb/in (N/25.4 mm)</td>
<td>1.2±0.3 (5.2±1.3)</td>
</tr>
</tbody>
</table>

**APPLICATION**

EcoShield® Heat Sealable Paper can be used to manufacture envelopes and bags. A heat seal temperature of ≥ 250 °F (120 °C) is recommended. Seal time may vary with specific sealing equipment.
LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation’s obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

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