**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) forms a bond stronger than the paper.

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

**TYPICAL APPLICATIONS**

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

**FEATURES**

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

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**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 (g/m²)</td>
<td>39 ± 1 (64 ± 2)</td>
</tr>
<tr>
<td>Base Stock</td>
<td>T-410</td>
<td>lb/3,000 (g/m²)</td>
<td>37 (60)</td>
</tr>
<tr>
<td>Caliper</td>
<td>T-411</td>
<td>Mil (µm)</td>
<td>3.5 ± 0.5 (89 ± 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/25.4mm)</td>
<td>1.2 ± 0.3 (5.2 ± 1.3)</td>
</tr>
</tbody>
</table>

**STANDARD TEST METHODS**

<table>
<thead>
<tr>
<th>TAPPI T-410</th>
<th>Basis Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAPPI T-411</td>
<td>Caliper</td>
</tr>
<tr>
<td>TAPPI T-452</td>
<td>Brightness of pulp, paper, and paperboard</td>
</tr>
<tr>
<td>ASTM F88-99</td>
<td>Seal strength of flexible barrier materials</td>
</tr>
</tbody>
</table>

**PACKAGING AND STORAGE**

EcoShield® Paper is available in a 600’ (182.88 meters) stock rolls, 36” or 48” wide (1-1.22 meters). Custom sizes up to 68” wide (1.73 meters), and construction are available upon request.
FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION

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Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet http://www.cortecvci.com

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