Substrate Compatibility Test Report

Date: 1/12/10
Material: Label
Machine: WS6000 / Nr.
Location: RIT
Certification Number: RIT6000-11-1988

SUBSTRATE TEST DETAILS

Supplier name: Wausau Coated Products
Media name: W016430 2 mil Metalized polypropylene/PCT245/50#

<table>
<thead>
<tr>
<th>Category</th>
<th>Self-adhesive</th>
<th>Flexible Packaging</th>
<th>Paper</th>
<th>Shrink Sleeve</th>
<th>Synthetic</th>
<th>Magnetic</th>
<th>Cartonboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region:</td>
<td>Europe</td>
<td>×</td>
<td>US</td>
<td>Other</td>
<td>×</td>
<td>Canada</td>
<td>APJ</td>
</tr>
<tr>
<td>Media type:</td>
<td>Paper</td>
<td>PVC</td>
<td>Specialty</td>
<td>Teslin</td>
<td>PET</td>
<td>× PP/BOPP</td>
<td>PLA</td>
</tr>
<tr>
<td></td>
<td>Textile</td>
<td>Embossed</td>
<td>Magnetic</td>
<td>Metalized</td>
<td>Coated Gloss</td>
<td>Coated Matte</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Magnetic</td>
<td>Transparent</td>
<td>White</td>
<td></td>
<td>Beige</td>
<td></td>
<td></td>
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<td></td>
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</tbody>
</table>

Test description: Official substrate compatibility test for industrial presses ws6000.

Test procedure: Screen test × Full test

Shipping condition received goods: firmly wrapped and protected to stabilize environmental conditions

Setup (default): Ink version: 4.5

Substrate behaviour: Bleeding: None

Necessary print cleaners: 0

Ink adhesion: Pass

Forced colour test: Cyan: Pass

Temperature mapping: 95 degr.= 100%

Press settings (best working point) PTH

<table>
<thead>
<tr>
<th>Blanket code:</th>
<th>Pip code:</th>
<th>ITM default temperature: 105 degr. C.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telescopic: None</td>
<td>Static: None</td>
<td>Jams: None</td>
</tr>
<tr>
<td>after 15 mins. = 100%</td>
<td>after 60 mins. = 100%</td>
<td></td>
</tr>
<tr>
<td>Magenta: Pass</td>
<td>Yellow: Pass</td>
<td>Black: Pass</td>
</tr>
<tr>
<td>105 degr.= 100%</td>
<td>115 degr.= 100%</td>
<td></td>
</tr>
</tbody>
</table>

Test result/conclusion: × PASS FAIL

Additional remarks/comments: