Substrate Compatibility Test Report

Date: 9/22/11
Material: Label
Machine: WS6000 / Nr.
Location: RIT
Certification Number: RI6000-11-2212

SUBSTRATE TEST DETAILS

Supplier name: 3M
Media name: 3M™ HP Indigo Label 7225 White Digital TC Polyester, P1400 Perm.

<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>
<th>IML</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region</td>
<td>✓ European</td>
<td>× LA</td>
<td>× US</td>
<td>Other</td>
<td>× Canada</td>
<td></td>
<td>✓ APJ</td>
<td></td>
</tr>
<tr>
<td>Media type</td>
<td>Paper</td>
<td>PVC</td>
<td>PE</td>
<td>PC</td>
<td>PET</td>
<td>OPS</td>
<td>PP/BOPP</td>
<td>PLA</td>
</tr>
<tr>
<td></td>
<td>Speciality</td>
<td>Textile</td>
<td>Teslin</td>
<td>Embossed</td>
<td>Coated Gloss</td>
<td>Transparent</td>
<td>Coated Matte</td>
<td></td>
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<td></td>
<td>Magnetic</td>
<td></td>
<td>Metalized</td>
<td></td>
<td>Beige</td>
<td></td>
<td>White</td>
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<td>Test description:</td>
<td>Official substrate compatibility test for industrial presses ws6000.</td>
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<tr>
<td>Test procedure:</td>
<td>Screen test</td>
<td>✓ Full test</td>
<td></td>
<td></td>
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<td>Shipping condition received goods:</td>
<td>firmly wrapped and protected to stabilize environmental conditions</td>
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</table>

Setup (default): Ink version: 4.5
Yes

Blanket code: Telescopic: None
Static: None
Jams: None

Ink adhesion: Pass
after 15 mins. = 98%
after 60 mins. = 100%

Cyan: Pass
Magenta: Pass
Yellow: Pass
Black: Pass

Temperature mapping: 95 degr.= Pass
105 degr.= Pass
115 degr. = Pass

Press settings (best working point) PTH 50
Blanket= 105
Feed fan = 8
2nd Transfer = 250

Test result/conclusion: ✔ PASS
FAIL

Additional remarks/comments: