Substrate Compatibility Test Report

Date: 3/23/10
Material: Paper Label
Machine: WS6000 / Nr.
Location: RIT
Certification Number: RI6000-10-1741

SUBSTRATE TEST DETAILS
Supplier name: Masterpiece Graphix
Media name: MGX Prem Estate Label #8/perm/44#pk

<table>
<thead>
<tr>
<th>Category</th>
<th>Self-adhesive Flexible Packaging</th>
<th>Paper Shrink Sleeve</th>
<th>Synthetic Magnetic</th>
<th>Cartonboard IML</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region</td>
<td>Europe</td>
<td>× US Other</td>
<td>× Canada</td>
<td>APJ</td>
</tr>
<tr>
<td>Media type</td>
<td>Paper</td>
<td>PVC Specialty</td>
<td>Teslin Embossed</td>
<td>Metalized</td>
</tr>
<tr>
<td></td>
<td>Textile</td>
<td>PC</td>
<td>Coated Gloss</td>
<td>Transparent</td>
</tr>
<tr>
<td></td>
<td>Magnetic</td>
<td>PC</td>
<td>Coated Matte</td>
<td>White</td>
</tr>
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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):
No
Ink version: 4.5
Blanket code: NSJ4510033000
Pip code: UL201246
ITM default temperature: 105 degr. C.

Substrate behaviour:
Bleeding: None
Telescopic: None
Static: None
Jams: None

Necessary print cleaners: 0
Ink adhesion: Pass
Cyan: 100%
Magenta: 100%
Yellow: 100%
Black: 100%

Forced colour test:
Cyan: 100%
Magenta: 100%
Yellow: 100%
Black: 100%

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

Press settings (best working point) PTH 55
Blanket = 105
Feed fan = 5
2nd Transfer = 300

Test result/conclusion:
× PASS
FAIL

Additional remarks/comments: