Substrate Compatibility Test Report

Date: 9/9/11
Material: Label
Machine: WS6000 / Nr.
Location: RIT
Certification Number: R16000-11-2208

## SUBSTRATE TEST DETAILS

### Supplier name:
UPM Raflatac

### Media name:
Estate #8 IL RS30 1.2mil. PET

<table>
<thead>
<tr>
<th>Category</th>
<th>Paper Shrink Sleeve</th>
<th>Synthetic</th>
<th>Cartonboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-adhesive</td>
<td>×</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexible Packaging</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper</td>
<td>×</td>
<td>PET</td>
<td>PP/BOPP</td>
</tr>
<tr>
<td>PVC</td>
<td></td>
<td>OPC</td>
<td>PLA</td>
</tr>
<tr>
<td>Specialty</td>
<td></td>
<td>Coated Gloss</td>
<td>Coated Matte</td>
</tr>
<tr>
<td>Textile</td>
<td></td>
<td>Transparent</td>
<td>White</td>
</tr>
<tr>
<td>Magnetic</td>
<td></td>
<td>Beige</td>
<td></td>
</tr>
</tbody>
</table>

### Region:
- × Europe
- × LA
- × Other
- × Canada
- × APJ

### Media type:
- × Paper
- × PVC
- × Specialty
- × Textile
- × Magnetic

### 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
- Blanket code: 100%
- Pip code: 100%

### Blanket code:
- after 15 mins. =
- after 60 mins. =

### Ink adhesion:
Pass
- 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 55
- Blanket: 110
- Feed fan: 5
- 2nd Transfer: 300

### Test result/conclusion:
- × PASS
- FAIL

### Additional remarks/comments:

**RIT Printing Applications Laboratory**
Solutions for the Printing and Imaging Industries