Substrate Compatibility Test Report

Date: 3/18/11
Material: Label
Machine: ws4050 / Nr.
Location: RIT
Certification number: RI4050-11-1997

**SUBSTRATE TEST DETAILS**

Supplier name: Avery Dennison - FRNA
Media name: Maxflex Silver ITC/C2500/40#

<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 IML</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region</td>
<td>Europe</td>
<td>× LA</td>
<td>× US</td>
<td>Other</td>
<td>× Canada</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>
</tr>
<tr>
<td></td>
<td>Specialty</td>
<td>Teslin</td>
<td>Embossed</td>
<td>Metalized</td>
<td>Coated Gloss</td>
<td>Transparent</td>
<td>PLA</td>
</tr>
<tr>
<td></td>
<td>Textile</td>
<td>Magnetic</td>
<td></td>
<td></td>
<td>Beige</td>
<td></td>
<td>Coated Matte</td>
</tr>
<tr>
<td></td>
<td>Magnetic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>White</td>
</tr>
</tbody>
</table>

Test description: Official substrate compatibility test for industrial presses ws4000/ws4050/ws4500.

Test procedure: Screen test × Full test

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

Setup (default): Yes  Ink version: 4.0
Blanket code: Telescopic: Static:  Jams:
None  None  None

Substrate behaviour: Bleeding: None
Necessary print cleaners: 1
None  None  None

Ink adhesion: Pass
after 15 mins. = 95%  after 60 mins. = 100%
146 degr. = 96%  156 degr. = 93%

Test result/conclusion: × PASS  FAIL

Additional remarks/comments: