Substrate Compatibility Test Report

Date: 4/2/10
Material: Label
Machine: ws4050 / Nr.
Location: RIT
Certification number: RI4050-10-1751

SUBSTRATE TEST DETAILS

Supplier name: Avery Dennison - FRNA
Media name: Global Co-Ex White ITC/S692N/1.2 mil PET

<table>
<thead>
<tr>
<th>Category</th>
<th>Self-adhesive</th>
<th>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>
<td></td>
</tr>
</tbody>
</table>

| Media type | Paper PVC Specialty Textile Magnetic | PE PC Teslin Embossed Metalized | PET OPS Coated Gloss Transparent Beige | PP/BOPP PLA Coated Matte White |

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): Ink version: 4.0
Blanket code: Telescopic: None
Pip code: Static: None
ITM default temperature: 146 degr. C.
Jams: None

Substrate behaviour: Bleeding: None
Necessary print cleaners: 0

Ink adhesion:
Cyan: ok
Magenta: ok
Yellow: ok
Black: ok

Forced colour test:
after 15 mins. = 100%
after 60 mins. = 100%

Temperature mapping: 135 degr. = NA
146 degr. = NA
156 degr. = NA

Test result/conclusion: × PASS FAIL

Additional remarks/comments: