Substrate Compatibility Test Report

Date: 3/14/11
Material: Label
Machine: ws4050 / Nr.
Location: RIT
Certification number: R4050-11-2023

**SUBSTRATE TEST DETAILS**

Supplier name: Technicote, Inc
Media name: 2.3mil Digital White BOPP TS523 /40#SCK

<table>
<thead>
<tr>
<th>Category</th>
<th>Self-adhesive</th>
<th>Flexible Packaging</th>
<th>Paper Shrink Sleeve</th>
<th>Synthetic</th>
<th>Magnetic</th>
<th>Cartonboard IML</th>
<th>APJ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region</td>
<td>Europe</td>
<td>✓ Other</td>
<td>Canada</td>
<td>APJ</td>
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<tr>
<td>Media type</td>
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<td>PE</td>
<td>PET</td>
<td>✓ PP/BOPP</td>
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<tr>
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<td>PVC</td>
<td>PC</td>
<td>OPS</td>
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<td></td>
<td>Specialty</td>
<td>Teslin</td>
<td>Coated Gloss</td>
<td>Coated Matte</td>
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<tr>
<td></td>
<td>Magnetic</td>
<td>Metalized</td>
<td>Beige</td>
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</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:              Pip code:          ITM default temperature: 146 degr. C.
Bleeding: None             Telescopic:        Static: None
Telescopic: None           Static: None         Jams: None
Necessary print cleaners: None
Ink adhesion: Pass 100%     Forced colour test: Cyan: Pass 100%
Magenta: Pass 100%         Yellow: Pass
Black: Pass
Temperature mapping: 135 degr.= 146 degr.= 156 degr.=

Test result/conclusion: ✓ PASS       FAIL

Additional remarks/comments: