Substrate Compatibility Test Report

Date: 8/2/10  
Material: Paper  
Machine: ws4050 / Nr.  
Location: RIT  
Certification number: RI4050-10-1828

SUBSTRATE TEST DETAILS

Supplier name: Avery Dennison - FRNA  
Media name: 60# Semi Gloss Elite ITC

<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</th>
<th>IML</th>
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</thead>
<tbody>
<tr>
<td>Region</td>
<td>× Europe</td>
<td>× LA</td>
<td>× US</td>
<td>Other</td>
<td>× Canada</td>
<td>APJ</td>
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<tr>
<td>Media type</td>
<td>× Paper</td>
<td>PE</td>
<td>PC</td>
<td>Teslin</td>
<td>PET</td>
<td>OPS</td>
<td>PP/BOPP</td>
<td>PLA</td>
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<td>PVC</td>
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<td>Coated Gloss</td>
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<td>Specialty</td>
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<td>Beige</td>
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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:  
Telescopie: None

Pip code:  
Static: None

ITM default temperature: 146 degr. C.

Jams: None

Substrate behaviour:  
Bleeding: None

Necessary print cleaners: 0

Ink adhesion: Pass

Forced colour test:  
Cyan: Pass  
Magenta: Pass  
Yellow: Pass  
Black: Pass

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

Test result/conclusion:  
PASSED  
FAIL

Additional remarks/comments: