Substrate Compatibility Test Report

Date: 6/30/10
Material: Label
Machine: WS6000 / Nr.
Location: RIT
Certification Number: RI6000-10-1822

SUBSTRATE TEST DETAILS

Supplier name: Avery Dennison - FRNA
Media name: 55# Cast Gloss ITC/C2500/40#CK

<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>
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<td>✓ US Other</td>
<td>Canada</td>
<td>APJ</td>
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<td>Media type</td>
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<td>PC</td>
<td>PET</td>
<td>OPS</td>
<td>PP/BOPP</td>
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<td>Specialty</td>
<td>Teslin</td>
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<td>Metallic</td>
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<td>Beige</td>
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<td>Magnetic</td>
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</table>

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: ok
- Pip code: ok
- ITM default temperature: 105 degr. C.

Substrate behaviour:
- Bleeding: None
- Telescopic: None
- Static: None
- Jams: None

Necessary print cleaners: 0

Ink adhesion: Pass
- After 15 mins. = 95%
- After 60 mins. = 100%

Forced colour test:
- Cyan: ok
- Magenta: ok
- Yellow: ok
- Black: ok

Temperature mapping:
- 95 degr. = NA
- 105 degr. = NA
- 115 degr. = NA

Press settings (best working point)
- PTH 55
- Blanket = 105
- Feed fan = 8
- 2nd Transfer = 250

Test result/conclusion: ✓ PASS | FAIL

Additional remarks/comments: