Substrate Compatibility Test Report

Date: 12/16/11
Material: Label
Machine: ws4050 / Nr.
Location: RIT
Certification number: RI4050-11-2210A

SUBSTRATE TEST DETAILS

Supplier name: UPM Raflatac
Media name: IL37Q-ENVI PCW 100 WSA ILRS30 1.2 mil PET

<table>
<thead>
<tr>
<th>Category</th>
<th>Flexible Packaging</th>
<th>Paper Shrink Sleeve</th>
<th>Synthetic Magnetic</th>
<th>Cartonboard IML</th>
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<td>Self-adhesive</td>
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<td>Jams</td>
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Necessary print cleaners: None

Ink adhesion: Pass

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

Temperature mapping: 135 degr. = NA

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

Test procedure: Screen test

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

Ink version: 4.0

Blanket code: Telescopic: None

Pip code: Static: None

Jams: None

ITM default temperature: 146 degr. C.

Test result/conclusion: X PASS

Additional remarks/comments:

100% 100%

None None