Substrate Compatibility Test Report

Date: 12/6/10
Material: Label
Machine: WS6000 / Nr.
Location: RIT
Certification Number: RI6000-10-1879

### SUBSTRATE TEST DETAILS

**Supplier name:** Avery Dennison - FRNA

**Media name:** 2 mil. Metalized BOPP ITC/S692N/40# BG

<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>
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<th>Region</th>
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<th>LA</th>
<th>Other</th>
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<th>APJ</th>
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<tr>
<th>Media type</th>
<th>Paper</th>
<th>PVC</th>
<th>Specialty</th>
<th>Textile</th>
<th>Magnetic</th>
<th>PE</th>
<th>PC</th>
<th>Teslin</th>
<th>Embossed</th>
<th>Metalized</th>
<th>PET</th>
<th>OPS</th>
<th>Coated Gloss</th>
<th>Transparent</th>
<th>Beige</th>
<th>PP/BOPP</th>
<th>PLA</th>
<th>Coated Matte</th>
<th>White</th>
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**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: ✔
- Pip code: ✔
- 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. = 100%
- after 60 mins. = 100%

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

**Temperature mapping:**
- 95 degr. = 100%
- 105 degr. = 100%
- 115 degr. = 100%

**Press settings (best working point):**
- PTH = 55
- Blanket = 105
- Feed fan = 6
- 2nd Transfer = 200

**Test result/conclusion:** ✗ PASS  FAIL

**Additional remarks/comments:**