## Substrate Compatibility Test Report

**Date:** 3/31/10  
**Material:** Label  
**Machine:** ws4050 / Nr.  
**Location:** RIT  
**Certification number:** RI4050-10-1750

### SUBSTRATE TEST DETAILS

**Supplier name:** Avery Dennison - FRNA  
**Media name:** PE 85 Clear ITC/S692N/1.2 mil PET

<table>
<thead>
<tr>
<th>Category</th>
<th>Self-adhesive Flexible Packaging</th>
<th>Paper Shrink Sleeve</th>
<th>Synthetic Magnetic</th>
<th>Cartonboard IML</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region</td>
<td>Europe</td>
<td>US</td>
<td>Canada</td>
<td>APJ</td>
</tr>
<tr>
<td></td>
<td>LA</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Media type:**  
- Paper  
- PVC  
- Specialty  
- Textile  
- Magnetic  
- PE  
- PC  
- Teslin  
- Embossed  
- Metalized  
- PET  
- OPS  
- Coated Gloss  
- Transparent  
- Beige  
- PP/BOPP  
- PLA  
- Coated Matte  
- White

**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

**Setup (default):**  
- Ink version: 4.0  
- Blanket code:  
- Pip code:  
- ITM default temperature: 146 degr. C.

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

**Necessary print cleaners:** 0

**Ink adhesion:**  
- after 15 mins. = 100%  
- after 60 mins. = 100%

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

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

**Test result/conclusion:**  
- PASS

**Additional remarks/comments:**