# Substrate Compatibility Test Report

**Date:** 5/18/10  
**Material:** Label  
**Machine:** WS6000 / Nr.  
**Location:** RIT  
**Certification Number:** R6000-10-1787

## Substrate Test Details

**Supplier Name:** Avery Dennison - FRNA  
**Media Name:** 60#CAST Gloss ITC/S246/40#SCK

<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Region</th>
<th>Europe</th>
<th>X</th>
<th>US</th>
<th>Other</th>
<th>Canada</th>
<th>APJ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Media type:</td>
<td>Paper</td>
<td>PE</td>
<td>PC</td>
<td>PET</td>
<td>PP/BOPP</td>
<td></td>
</tr>
<tr>
<td>PVC</td>
<td>Teflon</td>
<td>Transparent</td>
<td>PLA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialty</td>
<td>Tissue</td>
<td>Metalized</td>
<td>Coated Matte</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Textile</td>
<td>Embossed</td>
<td>Beige</td>
<td>White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnetic</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</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: NA  
- Pip code: NA  
- ITM default temperature: 105 deg 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:**  
- 95 deg: NA  
- 105 deg: NA  
- 115 deg: NA

**Press Settings:**  
- (best working point) PTH 55  
- Blanket: 105  
- Feed fan: 6

**Test Result/Conclusion:**  
- PASS  
- FAIL

**Additional Remarks/Comments:**