# Substrate Compatibility Test Report

**Date:** 6/23/10  
**Material:** Cartonboard  
**Machine:** WS6000 / Nr.  
**Location:** RIT  
**Certification Number:** R6000-10-1833

## SUBSTRATE TEST DETAILS

**Supplier name:** Matthias Paper Corporation  
**Media name:** 7PT Coastal XP MPC Spec. No. TN07

<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>Region</td>
<td>Europe</td>
<td>× US</td>
<td>× Canada</td>
<td>APJ</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Media type</td>
<td>× Paper</td>
<td>PE</td>
<td>PET</td>
<td>PP/BOPP</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PVC</td>
<td>PC</td>
<td>OPS</td>
<td>PLA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Specialty</td>
<td>Teлин</td>
<td>Coated Glass</td>
<td>× Coated Matte</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Textile</td>
<td>Embossed</td>
<td>Transparent</td>
<td>White</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Magnetic</td>
<td>Metalized</td>
<td>Beige</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Test description:** Official substrate compatibility test for industrial presses ws6000.

**Test procedure:** Screen 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:** 2

**Ink adhesion:**  
after 15 mins. = 90%  
after 60 mins. = 90%

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

**Temperature mapping:**  
95 degr.= 90%  
105 degr.= 90%  
115 degr.= 70%

**Press settings (best working point):**  
PTH 55  
Blanket= 105  
Feed fan = 6  
2nd Transfer = 250

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

**Additional remarks/comments:**