# Substrate Compatibility Test Report

**Date:** 4/7/11  
**Material:** Label  
**Machine:** ws4050 / Nr.  
**Location:** RIT  
**Certification number:** RI4050-11-1946A

## Substrate Test Details

### Supplier name:
UPM Raflatac

### Media name:
IL34M, 2.6mil.PP White IL RP 48 AT 2.2 mil. High Density White

### Category:
- Self-adhesive
- Flexible Packaging
- Paper
- Shrink Sleeve
- Synthetic
- Magnetic
- Cartonboard
- IML

### Region:
- Europe
- US
- Canada
- APJ

### 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
- Full test

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

### Setup (default):
- Ink version: 4.0

### Substrate behaviour:
- Bleeding: None

### Necessary print cleaners:
None

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

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

### Temperature mapping:
- 135 degr. = None
- 146 degr. = None
- 156 degr. = None

### Test result/conclusion:
- PASS
- FAIL

### Additional remarks/comments: