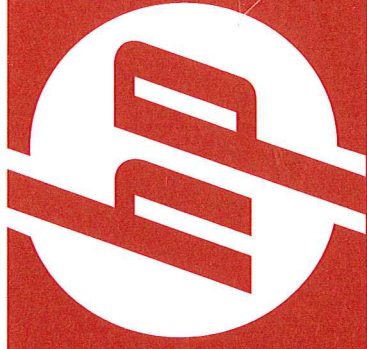


# Substrate Certification



Product name      DuPont™ Tyvek® 1057D  
Company name     DuPont de Nemours (Luxembourg) S. à r. l.  
Certification date    12<sup>th</sup> May 2011  
Certificate number    B6000 – 114

This substrate is hereby certified for HP Indigo press WS6000.

Substrate has been submitted under the standard comprehensive certification procedure.

Test evaluations are according to HP Indigo R+D substrate certification criteria.



# Substrate Compatibility Test Report



**Date:** 12<sup>th</sup> May 2011

**Material:** DuPont™ Tyvek® 1057D

**Machine:** WS6000

**Location:** GSB – HP Demo Centre, Barcelona, Spain

**Inspection:** Erik van Sloten

**Supervisor:** Gerard Geurts

## SUBSTRATE TEST DETAILS

**Supplier name:** DuPont

**Media name:** Tyvek® 1057D

**Category:**            0 Label                      0 Paper                      X Synthetic Paper            0 Cartonboard  
                                 0 Flexible Packaging      0 Shrink Sleeve            0 Magnetic                    0 IML

**Region:**                X Europe                      0 US                            0 Canada                      X APJ  
                                 0 LA                            0 Other

**Media type:**            0 Paper                      0 PE                            0 PET                            0 PP/BOPP  
                                 0 PVC                        0 PC                            0 OPS                            0 PLA  
                                 X Specialty                0 Teslin                        0 Coated Gloss                0 Coated Matte  
                                 0 Textile                    0 Embossed                0 Transparent                X White  
                                 0 Magnetic                0 Metalized (Silver)      0 Beige                        0 Thermal

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

**Test procedure:**      0 Screen test                X Full test                    0 Interpolation

**Shipping condition received goods:** firmly wrapped and protected to stabilize environmental conditions

<b>Setup (default):</b> Ink version: 4.5	<b>Blanket code:</b> n/a	<b>Pip code:</b> n/a	<b>ITM temperature:</b> 105 degr. C.
<b>Substrate behaviour:</b> Bleeding: no	<b>Telescopic:</b> no	<b>Static:</b> no	<b>Jams:</b> no
<b>Necessary print cleaners:</b> 1			
<b>Ink adhesion:</b>	after 15 mins. = 85%	after 60 mins. = 95%	
<b>Forced colour test:</b> Cyan: ok	Magenta: ok	Yellow: ok	Black: ok
<b>Temperature mapping:</b> 95 degr.=80%	105 degr.=90%	115 degr.=90%	
<b>Press settings (best working point)</b> PTH 50 degr. C.	Blanket=105 degr. C.	Feed fan = 6V	2 <sup>nd</sup> Transfer = 200kg

**Test result/conclusion:**                      X PASS                            0 FAIL

**HEWLETT PACKARD  
INDIGO B.V.**

**Additional remarks/comments:** Certification number: B6000-114  
3 star-rating for runnability, 3 star-rating for compatibility, 2 star-rating for ink fixing

