## Substrate Certification



Product name

DuPont™ Tyvek® 4173D

Company name

DuPont de Nemours (Luxembourg) S. à r. l.

Certification date

12<sup>th</sup> May 2011

Certificate number

B6000 - 120

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® 4173D

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® 4173D

Category:

0 Label

0 Paper 0 Shrink Sleeve

X Synthetic Paper

0 Magnetic

0 Cartonboard

0 IML

Region:

X Europe 0 LA

0 Flexible Packaging

0 US 0 Other 0 Canada

X APJ

Media type:

0 Paper

0 Textile

0 Magnetic

0 PE

0 PET 0 OPS 0 PP/BOPP 0 PLA

0 PVC X Specialty

0 PC 0 Teslin

0 Embossed

0 Coated Gloss 0 Transparent

0 Coated Matte

X White 0 Thermal

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

Test procedure:

0 Screen test

X Full test

0 Metalized (Silver)

0 Interpolation

Shipping condition received goods:

firmly wrapped and protected to stabilize environmental conditions

0 Beige

Setup (default):

Ink version:

4.5

Blanket code:

n/a

Pip code:

n/a

ITM temperature:

105 degr. C.

Substrate behaviour: Bleeding: no

Telescopic: no

Static: no

Jams: no

**Necessary print cleaners: 1** 

Ink adhesion:

after 15 mins. =

after 60 mins. =

95%

Yellow: ok

Forced colour test: Cyan: ok

Temperature mapping: 95 degr.=80%

Magenta: ok

85%

105 degr.=90%

115 degr.=90%

Black: ok

Press settings

(best working point) 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: B6000-120

3 star-rating for runnability, 3 star-rating for compatibility, 2 star-rating for ink fixing

