

Approved Substrate Certificate



DuPont™ Tyvek® 1073D

Test date: 12th May 2011

Certification number: B4500-097

A PRODUCT OF

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

This substrate is hereby certified for HP Indigo press
ws4000/ws4050/ws4500 & ws2000.

It has been submitted under the standard comprehensive certification procedure.
Test results are according to R&D substrate certification criteria.

In conjunction with Rochester Institute of Technology (RTI) - USA

Maastricht, the Netherlands



Substrate Compatibility Test Report



Date: 12th May 2011

Material: DuPont™ Tyvek® 1073D

Machine: ws4500

Location: GSB - HP Demo Centre Barcelona, Spain

Inspection: Erik van Sloten

Supervisor: Gerard Geurts

SUBSTRATE TEST DETAILS

Supplier name: DuPont

Media name: Tyvek® 1073D

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

Region: Europe LA US Other 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 Thermal

Test description: Official substrate compatibility test for industrial presses ws4000/ws4050/ws4500

Test procedure: Screen test Full test Interpolation

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

Setup: Ink version: 4.0	Blanket code: n/a	Pip code: n/a	ITM temperature: 146 degr. C.
Substrate behaviour: Bleeding: ok	Telescopic: ok	Static: ok	Jams: ok
Necessary print cleaners: 1			
Ink adhesion: after 15 mins. = 85%	after 60 mins. = 95%		
Forced colour test: Cyan: ok	Magenta: ok	Yellow: ok	Black: ok
Temperature mapping:	136°C = 80%	146°C = 90%	156°C = 90%

Test result/conclusion: PASS FAIL

Additional remarks/comments:

Certified under number B4500-097
3 star rating for runnability, 3 star for compatibility, 2 star rating for ink fixing

**HEWLETT PACKARD
INDIGO B.V.**

