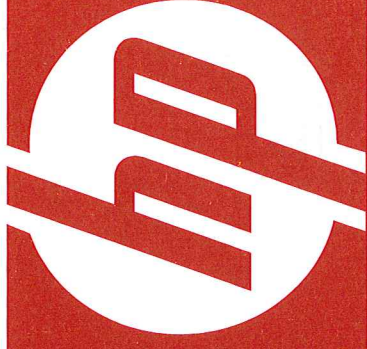


Substrate Certification



Product name DuPont™ Tyvek® 1082D
Company name DuPont de Nemours (Luxembourg) S. à r. l.
Certification date 12th May 2011
Certificate number B6000 – 116

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: 12th May 2011

Material: DuPont™ Tyvek® 1082D

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® 1082D

Category:	<input type="checkbox"/> Label <input type="checkbox"/> Flexible Packaging	<input type="checkbox"/> Paper <input type="checkbox"/> Shrink Sleeve	<input checked="" type="checkbox"/> Synthetic Paper <input type="checkbox"/> Magnetic	<input type="checkbox"/> Cartonboard <input type="checkbox"/> IML
------------------	---	--	--	--

Region:	<input checked="" type="checkbox"/> Europe <input type="checkbox"/> LA	<input type="checkbox"/> US <input type="checkbox"/> Other	<input type="checkbox"/> Canada	<input checked="" type="checkbox"/> APJ
----------------	---	---	---------------------------------	---

Media type:	<input type="checkbox"/> Paper <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Specialty <input type="checkbox"/> Textile <input type="checkbox"/> Magnetic	<input type="checkbox"/> PE <input type="checkbox"/> PC <input type="checkbox"/> Teslin <input type="checkbox"/> Embossed <input type="checkbox"/> Metalized (Silver)	<input type="checkbox"/> PET <input type="checkbox"/> OPS <input type="checkbox"/> Coated Gloss <input type="checkbox"/> Transparent <input type="checkbox"/> Beige	<input type="checkbox"/> PP/BOPP <input type="checkbox"/> PLA <input type="checkbox"/> Coated Matte <input checked="" type="checkbox"/> White <input type="checkbox"/> Thermal
--------------------	--	---	---	--

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

Test procedure:	<input type="checkbox"/> Screen test	<input checked="" type="checkbox"/> Full test	<input type="checkbox"/> Interpolation
------------------------	--------------------------------------	---	--

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

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. = 85%	after 60 mins. = 95%	
Forced colour test: Cyan: ok	Magenta: ok	Yellow: ok	Black: ok
Temperature mapping: 95 degr.=80%	105 degr.=90%	115 degr.=90%	
Press settings (best working point) PTH 50 degr. C.	Blanket=105 degr. C.	Feed fan = 6V	2 nd Transfer = 200kg

Test result/conclusion:	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL
--------------------------------	--	-------------------------------

**HEWLETT PACKARD
INDIGO/B.V.**

Additional remarks/comments: Certification number: B6000-116
3 star-rating for runnability, 3 star-rating for compatibility, 2 star-rating for ink fixing

