

INKTEC TECHNICAL DATA

_HP designjet 5000 series



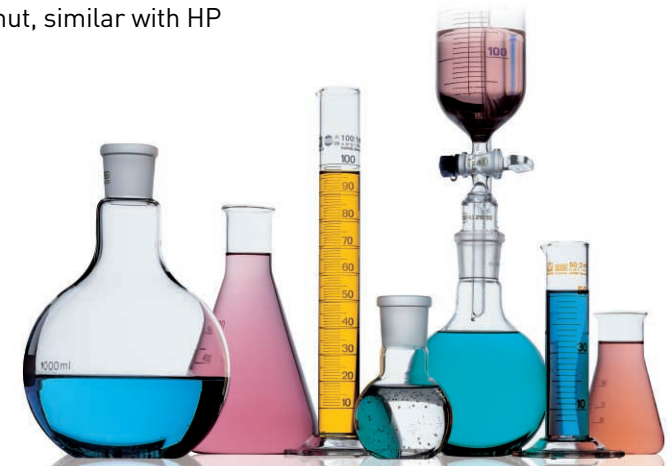
InkTec Dye Ink for HP designjet 5000 series

Making statement on the ink quality is a delicate matter. To make clear on InkTec's inks, we try to evaluate the key factors of ink - durability, color and lightfastness - by using technical methods objectively. This data intends to summarize the results of InkTec's test.

We, InkTec, contineoulsy try to developpe and supply verified ink.

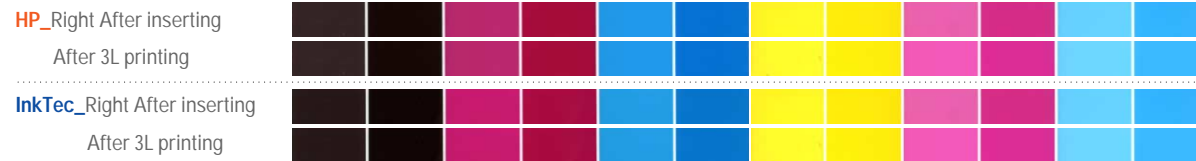
→ Features and Benefits_

- 01_ Long lasting head durability
- 02_ Strong resistance toward rain and sunlight
- 03_ Brilliant color gamut, similar with HP



01_ Head Durability

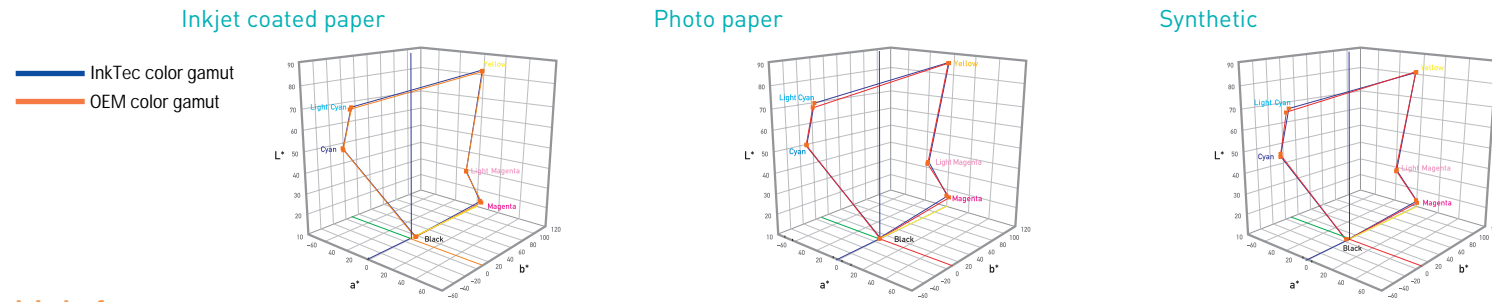
To evaluate how the inks affect the heads, and how long the head durability is lasting.



02_ Color Gamut

To Compare InkTec's color with HP's color on various kinds of media.
If both inks show similar measurements, it means they have similar color gamut.

* Instrument : X-rite Spectrodensitometer 530



03_ Lightfastness

To evaluate the resistance of printed output toward the effects of rain and sunlight.
As the fading rate is low, the ink is more resistant.

* Instrument : Xenon arc lamp - 0.35W/m2 @ 340nm ; Light only , 24 h [24h in the machine = a month outside]

	HP_Fading Rate	InkTec_Fading Rate	Original printing		3months later (without laminating)	
			HP	InkTec	HP	InkTec
Black	0.09	0.04				
Cyan	1.77	1.4				
Magenta	1.3	1.07				
Yellow	1.33	0.78				
LightMagenta	1.49	1.23				
LightCyan	8.34	6.59				



→ Product Information

Bulk	Color	Reorder No.
Dye (1L/20L)	Black	HLD30-01LB(-20LB)
	Cyan	HLD31-01LC(-20LC)
	Magenta	HLD32-01LM(-20LM)
	Yellow	HLD33-01LY(-20LY)
	LightCyan	HLD34-01LLC(-20LLC)
	LightMagenta	HLD35-01LLM(-20LLM)

Bulk	Color	Reorder No.
Pigment (1L/20L)	Black	HLP40-01LB(-20LB)
	Cyan	HLP41-01LC(-20LC)
	Magenta	HLP42-01LM(-20LM)
	Yellow	HLP43-01LY(-20LY)
	LightCyan	HLP44-01LL(-20LLC)
	LightMagenta	HLP45-01LL(-20LLM)



* IBS II (Continuous Ink Supply System)

→ Safety and Handling

Use ink in normal temperature, 15°C~35°C (59°F~95°F), away from direct sunshine and see the material safety data sheets (MSDS) for more details.



A World-class Leading Company in Inkjet Applications
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