

# INKTEC TECHNICAL DATA

## *InkTec Solvent Ink for Xaar 128 Head Printers*



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Solvent inks have been a huge benefit to outdoor printing market due to their high UV resistance and brilliant color on various medias. Especially InkTec solvent inks have a wide color gamut compared to other inks currently on the market and the quality are approved through printing shop owners who are the keen judges around the world. In order to supply the highest quality , InkTec contineoulsy take a comparison with other inks.

### → Features and Benefits\_

- 01\_ Long lasting head durability
- 02\_ Strong resistance toward rain and sunlight
- 03\_ Brilliant color gamut
- 04\_ Fast drying on uncoated paper

### → Terms of Quality Control\_

InkTec handles good quality inks which pass strict quality control tests as below.

- 01\_ High temperature test : To print after getting cool from 60°C (140°F)
- 02\_ No bending, No clogging by 10m one color printing
- 03\_ Terms of validity : 2 years

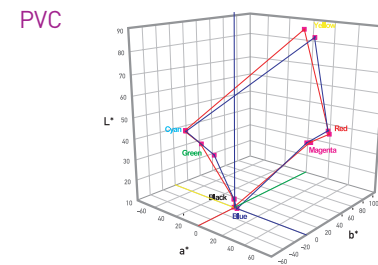
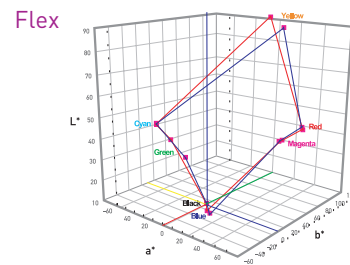


## 01\_ Color Gamut

Solvent ink consists of pigment particles and InkTec are very specialized in dispersion technology. So, pigment particles in InkTec solvent ink could be suspended in a solvent fluid at higher concentrations than other solvent inks, and it makes small ink dots when they are jetting out from head. Therefore, we guarantee the long lasting head durability and the wide color gamut. To Compare InkTec's color with Xaar's color. If both inks show similar measurements, it means they have similar color gamut.

\* Instrument : X-rite Spectrodensitometer 530

— InkTec color gamut  
— OEM color gamut



## 02\_ Weathering test

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/m<sup>2</sup> @ 340nm ; Light only , 1000 hr (24h in the machine = a month outside)

Both inks are printed on Fle

	Xaar_Fading Rate		InkTec_Fading Rate		Original printing		41months later (without laminating)	
	Flex	PVC	Flex	PVC	Mimaki	InkTec	Mimaki	InkTec
Black	0.61	0.47	0.16	0.29				
Cyan	4.08	1.88	3.35	1.51				
Magenta	4.76	5.51	4.56	4.56				
Yellow	17.35	31.18	2.97	4.38				



## → Product Information

Bulk	Color	Reorder No.	
1L/20L	Black	XHS-0001B	XHS01-01LB (20LB)
	Cyan	XHS-0002C	XHS02-01LC (20LC)
	Magenta	XHS-0003M	XHS03-01LM (20LM)
	Yellow	XHS-0004Y	XHS04-01LY (20LY)

## → 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.



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