



InkTec Eco Solvent Inks Technical Data



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GENERAL INFORMATION

InkTec has launched EcoNova PINE as the newest addition to the InkTec's eco-solvent ink line. It is an alternative eco-solvent ink, EcoNova PINE is specially designed to run on the Epson Surecolor SC-S series. EcoNova PINE produces brilliant and vivid colours for many types of outdoor signage, such as banners, posters and other graphics. In addition, it has stronger lightfastness and similar level of scratch resistance compared to OEM inks. EcoNova PINE is the best solution in terms of printing performance and cost-effectiveness. Please do not hesitate to contact us today for free help and advice.

MAIN FEATURES

- Similar printing result to OEM - Excellent compatibility with OEM inks
- Cost effectiveness - Enhance the profitability
- Strong lightfastness - Less colour fading than OEM inks
- Faster drying time - Better productivity than OEM inks
- Robustness - High outdoor durability
- Superior ink absorption - Broader media compatibility
- Similar colour gamut - Outstanding image quality
- Excellent continuous printing - No clogging



PRODUCT OFFERING

Colour	Model Name			Printer Compatibility
	1L Pack	1L Bottle	20L Bottle	
● Black	EEA-P01LB	EEA-B01LB	EEA-B20LB	Epson SureColor SC-S series
● Cyan	EEA-P01LC	EEA-B01LC	EEA-B20LC	
● Magenta	EEA-P01LM	EEA-B01LM	EEA-B20LM	
● Yellow	EEA-P01LY	EEA-B01LY	EEA-B20LY	
● Cleaning Solution		EECS01-01L		

Note: The information contained in this technical data sheet are based on our present experience and knowledge. In consideration of the various factors which can affect the results achieved in the final application, InkTec doesn't take any responsibility for an improper use of the product by the user which can violate or damage rights of third parties.

TECHNICAL DATA

1) Similar colour result compared with OEM inks

- High density pigments for extremely wide colour gamut
- Achieving the same printing result with OEM inks

EcoNova PINE

OEM



EcoNova PINE

OEM



Option

- > Printer : Epson SureColor SC-S30610
- > Resolution : 720x720 dpi
- > Profile : Profile applied
- > Media : Metamark PVC

3) Strong Lightfastness (EcoNova PINE vs OEM)

- EcoNova PINE has less colour fading than OEM inks

Option

- > Measurement Equipment : S3000 (ATSAS)
- > Method : ISO 4892 Part 2, Method B(Outdoor)
- > Exposure Type : Accelerated weathering
- > Light Source : Xenon arc lamp
- > Test Period : 1,000 hours (equivalent to 12month)

EcoNova PINE (BK)

Original



Colour faded : 0.8%

12month later



	Original	12month later
L*	7.45	7.11
a*	1.85	1.81
b*	3.1	2.95
ΔE_{00}	0.25	
rate of change (%)	0.80%	

OEM (BK)

Original



Colour faded : 29.72%

12month later



	Original	12month later
L*	12.1	23.27
a*	1.56	-0.17
b*	4.48	-0.24
ΔE_{00}	8.98	
rate of change (%)	29.72%	

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EcoNova PINE (C)

Original



Colour faded : 1.00%

12month later



	Original	12month later
L*	50.15	50.06
a*	-33.64	-34.92
b*	-51.56	-49.37
ΔE_{00}	0.96	
rate of change (%)	1.00%	

OEM (C)

Original



Colour faded : 3.14%

12month later



	Original	12month later
L*	51.6	51.81
a*	-37.17	-36.36
b*	-47.99	-47.47
ΔE_{00}	0.35	
rate of change (%)	3.14%	

EcoNova PINE (M)

Original



Colour faded : 2.34%

12month later



	Original	12month later
L*	45.28	45.12
a*	72.18	69.74
b*	-14.42	-11.59
ΔE_{00}	1.15	
rate of change (%)	2.34%	

OEM (M)

Original



Colour faded : 6.95%

12month later



	Original	12month later
L*	44.85	46.12
a*	70.34	67.47
b*	-14.85	-13.24
ΔE_{00}	1.48	
rate of change (%)	6.95%	

EcoNova PINE (Y)

Original



Colour faded : 0.23%

12month later



	Original	12month later
L*	84.77	84.67
a*	-8.21	-8.46
b*	78.95	78.14
ΔE_{00}	0.26	
rate of change (%)	0.23%	

OEM (Y)

Original



Colour faded : 5.47%

12month later



	Original	12month later
L*	86.21	86.31
a*	-9.4	-9.46
b*	87.49	84.11
ΔE_{00}	0.73	
rate of change (%)	5.47%	

* The higher ΔE_{00} , the weaker the lightfastness. Based on the results of InkTec's accelerated lightfastness test.

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