

# ST-K 55<sub>HT</sub>

Water-based Sublimation ink  
for transfer industrial printing with High Light Fastness



Sublimation Textile



TECHNICAL DATA SHEET

**isonik**

# ST-K 55 HLF



Water-based Sublimation ink for transfer industrial printing with High Light Fastness



KYOCERA



HIGH SPEED EQUIPMENT



TRANSFER PRINTING



HIGH LIGHT FASTNESS



HOME DECOR IN AND OUTDOOR



BRIGHT AND VIBRANT COLOURS



STORAGE CONDITIONS:  
AT 5-30°C  
TEMPERATURE  
DRY AND WELL-VENTILATED ENVIRONMENT



PRINTING CONDITIONS:  
20-25°C  
TEMPERATURE  
40-60%RH  
HUMIDITY RANGE



SEA FREIGHT SHIPMENT CONDITIONS  
5-30°  
TEMPERATURE REFRIGERATED CONTAINER FOR LONG DISTANCE



AVAILABLE PACKAGING  
5 KG AND 10 KG TANKS



TRANSFER CONDITIONS  
200-210°C  
FOR 35-45 SEC



HEAT-SENSITIVE PRODUCT  
DO NOT EXCEED 30°C  
AVOID DIRECT SUNLIGHT



## Product description

ISONIK® ST-K 55 HLF is a water-based digital sublimation ink for transfer printing. It is suitable for most of the printers equipped with Kyocera KJ4B print heads. The appropriately developed and selected colour indexes of the ISONIK ST-K 55 HLF series ensure high lightfastness and are the ideal choice for outdoor applications.

ISONIK ST-K 55 HLF is suitable for 100% polyester fabrics or in blends with different fibers with minimum of 70% of PES. It can be used also on any substrate (alu, wood, ceramic, glass, etc.) usually unsuitable for sublimation process, after pretreating with polyester-polyamide resins.

## Instructions

- ISONIK ST-K 55 HLF is ready to use.
- Keep ISONIK ST-K 55 HLF at printing room temperature at least 24 h before use.
- Shake gently before use.
- Follow instructions on label and MSDS.
- Transfer conditions by using a calender or a flat press: temperature 200-210°C for 35/45 sec.
- Care about correct and regular printer maintenance
- Preliminary tests are recommended to set the best operative parameters (T°C / t sec) to achieve the desired result. Product performance might vary according to the employed hardware, software and the applied printing method.

## Notes

- Information regarding fastness and additional technical features is available upon specific request



UNI EN ISO 9001:2015

## DISCLAIMER

The information included in this document is based on experience and the current state of our knowledge and is not intended to be completely exhaustive. The product is for professional use only. Due to multiple factors that could influence the application aspects of ISONIK ST-K 55 HLF and thus the final result obtained, Isocarbo suggests to always carry out preliminary tests in order to evaluate possible abnormal behaviour of the products under particular operating conditions different from those stated in this document. Therefore, Isocarbo assumes no responsibility for any differences in the performance of ISONIK ST-K 55 HLF and for any loss or damage suffered by persons or property as a result of the information contained in this document. Furthermore, Isocarbo accepts no responsibility for any damage caused to third parties as a result of improper use of ISONIK ST-K 55 HLF by any person or company. Isocarbo assures its commitment to the continuous development and improvement of the product and assumes the right to change and update the contents of this technical document at any time.

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