

# AT-K17

Water-based Acid ink  
for direct printing



Acid Textile



TECHNICAL DATA SHEET

**isonik**

# AT-K17

Water-based Acid ink  
for direct printing



KYOCERA



HIGH SPEED  
EQUIPMENT



SPECIFIC  
FOR FASHION



SWIMWEAR



ACCESSORIES



DIRECT  
PRINTING



BRIGHT AND  
VIBRANT COLOURS



PRETREATED  
FABRIC



STORAGE  
CONDITIONS:  
AT 10-30°C  
TEMPERATURE  
DRY AND  
WELL-VENTILATED  
ENVIRONMENT



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



SEA FREIGHT  
SHIPMENT  
CONDITIONS  
10-30°  
TEMPERATURE  
REFRIGERATED  
CONTAINER FOR  
LONG DISTANCE



AVAILABLE  
PACKAGING  
10 KG TANK



FIXATION  
CONDITIONS:  
103°C  
30' FOR  
POLYAMIDE  
AND SILK,  
40' FOR WOOL



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



## Product description

ISONIK® AT-K 17 is a digital water-based acid ink for direct printing on textile fibers, suitable for most printers equipped with Kyocera KJ4B print heads.

ISONIK AT-K 17 is a product intended for direct fabric printing on wool, silk, polyamide and natural leather.

ISONIK AT-K 17 products may be employed in the production of apparel, swimwear and accessories.

## Instructions

- ISONIK AT-K 17 is ready to use.
- Keep ISONIK AT-K 17 at printing room temperature at least 24 h before use.
- Shake gently before use.
- Pretreatment: to achieve the best printing performance in terms of process, we recommend pretreating the fabric with our ISONIK AM-P product line as this ensures maximum results in terms of fixation, colour yield, sharpness and no leaching out on white backgrounds.
- Direct printing on fabric.
- Fixation: after the printing process we recommend drying and fixation by steaming at 103-105°C for 30' for polyamide and silk, 40' for wool.
- Washing: it is suggested initial washing with plenty of cold water -> washing with our ISONIK S-AC in hot water and carbonate at 45°-50°C -> rinsing with plenty of cold water.
- Addition of ISONIK F-AC fixing agent selected according to fabric and required fastness.
- Follow instructions on label and MSDS.
- Care about correct and regular printer maintenance.
- Preliminary tests are recommended to set the best operating parameters 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
- Customized colours are available upon request
- \*GOTS certificate pending

## 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 AT-K 17 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 AT-K 17 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 AT-K 17 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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YOUR BEST PERFORMANCE

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