

# PT-K19

Water-based Pigment ink  
for direct printing



Pigment Textile



TECHNICAL DATA SHEET

**isonik**

# PT-K19

Water-based Pigment ink  
for direct printing



KYOCERA



HIGH SPEED  
EQUIPMENT



FOR FABRIC



SPECIFIC  
FOR FASHION



HOME DECOR  
IN AND OUTDOOR



DIRECT  
PRINTING



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°C  
TEMPERATURE  
REFRIGERATED  
CONTAINER FOR  
LONG DISTANCE



AVAILABLE  
PACKAGING  
5 KG TANK



FIXATION  
CONDITIONS:  
150°C FOR 3'



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

## Product description

ISONIK® PT-K 19 is a water-based digital pigment ink for direct printing on textile fibers, suitable for most printers equipped with Kyocera KJ4B print heads.  
ISONIK PT-K 19 is a product intended for direct fabric printing on cellulosic, protein and synthetic fibers, after appropriate pretreatment with our ISONIK AM-P product line.  
ISONIK PT-K 19 products can be used in the production of apparel, fashion, shirts, sleepwear, interior furnishing, tablecloths, bed sheets and accessories made in natural and synthetic leather.

## Instructions

- ISONIK PT-K 19 is ready to use.
- Keep ISONIK PT-K 19 at printing room temperature at least 24 h before use.
- Shake gently before use.
- Pre-treatment: to achieve the best performance of the whole process, we recommend pretreating the fabric with our ISONIK AM-P product line, as this ensures maximum results in terms of brightness, detail and colour yield. The treated fabric has to be dried and polymerized at 155°C for 3'.
- Direct printing on fabric.
- Drying and Fixation: after the printing process we recommend drying and fixation at 150°C for 3'.
- Post-treatment: to achieve maximum washing and rubbing fastness, post treating by padding with our ISONIK FI-P series followed by drying at 155°C for 3'.
- Follow the 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 request.
- Customized colours are available upon request.



## 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 PT-K 19 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 PT-K 19 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 PT-K 19 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.

**isonik**  
YOUR BEST PERFORMANCE

www.isocarbo.it

Made in Italy

**isocarbo**

Via per Albate, 4  
22070 Senna Comasco (CO) Italy  
Ph +39 031 507307  
info@isocarbo.it