



TFX BASE K2305

TFX inks are used to create a soft-feel, hot-split transfers that give the appearance of a direct print. Using the Wilflex IMS software and Epic PCs, users can easily create translucent or opaque colors by adjusting the pigment loading. Properly formulated colors will produce soft, opaque prints on dark fabrics, without underbasing. TFX inks may also be used for conventional cold-peel transfers. TFX inks are designed for fine line detail and solid spot color printing applications

HIGHLIGHTS

- Hot-split transfer ink with a soft feel
- Excellent printability.
- Create prints for white or pastel garments with lower pigment loading
- Hot-split, hot-peel or cold-peel
- Create prints for dark garments with higher pigment loading.

PRINTING TIPS

- The use of TFX Printable Adhesive will improve the adhesion of TFX inks to a far wider range of substrates when cold-peeled.
- The transfer paper should be peeled immediately after transferring for optimum results. When cold-peeling, allow 15 second cool down before removing the paper
- Adjustments to the drying mechanism may be required as the variables of different drying (heat) types, length of dryer conveyor and drying units, will affect the overall transfer finish.
- The majority of standard transfer papers can be used with confidence. If a softer-feel transfer is required, an uncoated transfer paper is recommended. In most cases, a hotsplit/hot-peel transfer paper will be required.

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit:
www.avient.com/wilflex-compliance

PRECAUTIONS

The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications



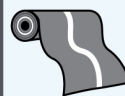
AVIENT
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V1.05 (Modified: 07/08/2025)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% cotton, cotton blends, rayon, linen, and Lycra. NOT recommended for nylon or satin fabrics.



Mesh

Count: 86-125 t/in (34-49 t/cm)
Tension: 25-35 n/cm²



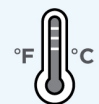
Squeegee

Durometer: 60-80
Profile: Sharp, square
Stroke: Hard flood, Medium speed
Angle:



Stencil

2 over 2
Off Contact: 1/16" (.2 cm)
Emulsion Over Mesh:



Flash & Cure

Flash: 160°F (70°C)
Cure: 300°F (160°C)



Pigment Loading

PC: 20% max



Wilflex™ Additives

N/A



Storage

65-90°F (18-32°C)
Avoid direct sunlight
Use within one year of receipt



Clean Up

Ink degradant or press wash



Health & Safety

Find SDS information here:
www.avient.com/resources/safety-data-sheets
or contact your local CSR