



## TFX Transclear

Wilflex™ TFX Transclear is a heat-fusible clear that can be used as a first-down printable layer, which acts as the hot split/hot-peel release coating for four-color and spot process inks. TFX Transclear offers wide improvements in print quality and will produce soft, durable transfers with enhanced color and print definition of the graphic.

### HIGHLIGHTS

- Use as a carrier for four-color process inks.
- Produces soft, durable transfers.
- Use as a first-down printable layer
- Improves print definition of graphic.

### PRINTING TIPS

- Evaluate the hot-split properties when using as a first down print application because different transfer papers can affect the peel properties of the clear.
- The slight "tack" surface of the clear on the transfer paper following drying will provide an adhesion bond that helps keep fine-line and half-tone dots in position on 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](http://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



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V1.27 (Modified: 04/29/2025)

## PRODUCT INFORMATION BULLETIN



### RECOMMENDED PARAMETERS



#### Fabric Types

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



#### Mesh

Count: 158-305 t/in (62-120 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



#### Squeegee

Durometer: 60-80  
Profile: Hard, Square  
Stroke: Medium flood, fast speed  
Angle:



#### Stencil

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



#### Flash & Cure

Flash: 160°F (70°C)  
Cure: 320°F (160°C)



#### Pigment Loading

PC: 10% 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](http://www.avient.com/resources/safety-data-sheets)  
or contact your local CSR