

# AVIENT SPECIALTY INKS

## 2566 INFINITE FX FLOCKING ADHESIVE

Avient™ Specialty Inks INFINITE FX FLOCKING ADHESIVE is a press ready plastisol adhesive for printing on Cotton, Cotton Blends and Polyester substrates where flocking image is desired.

### HIGHLIGHTS

- ▶ Maximum adhesion to fabric and flock fibers
- ▶ Ready-for-use viscosity specifically formulated for application to fabric substrates
- ▶ Tintable with plastisol colorants

### PRINTING TIPS

- ▶ Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results. Recommended mesh counts can vary depending on particle size
- ▶ Use a print technique to adjust the flood bar to just transfer the ink from the front to the back of the screen.
- ▶ Transfer ink to the card surface with a light squeegee pass using just enough pressure to clear the mesh
- ▶ Tintable with plastisol colorants. See Pigment Loading section for suggested tinting percentages.
- ▶ Adjust the % colorant added based on the strength of the colorants and color saturation desired
- ▶ Apply the flock fibers onto the wet flock adhesive that has been printed substrate
- ▶ Secure the flock fibers onto the flock adhesive at a cure temperature of 320°F (160°C). The adhesive of the base is increased as the adhesive cools

### COMPLIANCE

- ▶ Non-phthalate
- ▶ For individual compliance certifications and conformity statements, please visit [www.avientspecialtyinks.com/services/compliance-support](http://www.avientspecialtyinks.com/services/compliance-support)

### 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  
SPECIALTY  
INKS

V1.21 (Modified: 08/03/2022)

## PRODUCT INFORMATION BULLETIN

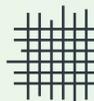


### RECOMMENDED PARAMETERS



#### Fabric Types

Cotton, Cotton Blends, Polyester



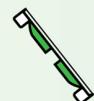
#### Mesh

Count: 86-110 t/in (34-43 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



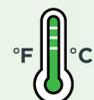
#### Squeegee

Durometer: 70  
Profile: Square, Sharp  
Stroke: Light flood, Light stroke  
Angle: 10-15%



#### Stencil

2 over 2  
Off Contact: 1/16" (.2cm)  
Emulsion Over Mesh: 15-20%



#### Flash & Cure

Flash: NA  
Cure: 320°F (160°C)



#### Pigment Loading

upto 15% Wilflex PC  
upto 30% Wilflex EQ  
up to 30% Rutland C3 Boosters



#### Additives

N/A



#### Storage

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



#### Clean Up

Dispose unused ink responsibly.  
Standard plastisol cleaners, press wash, or ink degradant



#### 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

2022, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.