

# AVIENT SPECIALTY INKS

## PRODUCT INFORMATION BULLETIN

### 2560 INFINITE FX NATURAL SUEDE BASE



Avient™ Specialty Inks NATURAL SUEDE BASE is specifically formulated to produce a soft, suede or velvet finish that is highly durable. Natural Suede can be combined with other Infinite FX bases to simulate leather or other textured surfaces.

#### HIGHLIGHTS

- ▶ Creates a printed graphic that feels like suede
- ▶ Tintable for infinite color combinations
- ▶ Excellent adhesion to fabrics, stretch properties, and wash durability
- ▶ Use by itself or intermix with other Infinite FX Bases for unlimited design effects
- ▶ Suitable for high density or conventional flat screens

#### 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
- ▶ For best HD results, use open mesh counts with 200 - 400 micron capillary film and print-flash-print. Use a heavy flood to fully fill the open areas of the stencil with ink then print with medium squeegee pressure
- ▶ Best results when printed directly onto fabric
- ▶ Tintable with plastisol colorants. See Pigment Loading section for suggested starting tinting percentages. Reduce the amount of white colorant in the formula as specialty base will lighten the color
- ▶ Adjusting cure temperature and dwell time will yield a variety of textured effects
- ▶ Cure between 340-350°F (170-175°C) and increase dwell time to assure cure and to achieve desired cracking effect
- ▶ After the print is cooled, "crack by hand" by stretching the printed area for a custom distressed look

#### 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

#### RECOMMENDED PARAMETERS



##### Fabric Types

100% cotton, cotton blends, some synthetics



##### Mesh

Count: 86-230 t/in (34-91 t/cm)  
Tension: 25-35 n/cm<sup>2</sup>



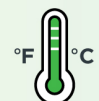
##### Squeegee

Durometer: 60/90/60, 60-70  
Profile: Square, Sharp  
Stroke: Hard flood, Medium stroke  
Angle: 10-15%



##### Stencil

2 over 2  
Off Contact: 1/16" (.2cm)  
Emulsion Over Mesh: 15-20% or 200-400 micron



##### Flash & Cure

Flash: 220°F (105°C)  
Cure: 320°F (160°C)



##### Pigment Loading

up to 10% Wilflex PC  
up to 15% Wilflex EQ  
up to 30% Wilflex MX/RIO  
up to 15% 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



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V1.00 (Modified: 05/10/2021)

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