AVIENT SPECIALTY INKS

PRODUCT INFORMATION BULLETIN

2562 INFINITE FX PLUSH BASE

Avient™ Specialty Inks INFINITE FX PLUSH BASE is specifically formulated to produce soft fashion textures that simulate chenille, velvet, flock, suede and other textured fabric finishes. Various textured and embossed surfaces can be produced by adjusting ink deposit and cure temperatures.

HIGHLIGHTS

- Simulate production of flock, suede, velvet, chenille and other soft fashion texture finishes
- Tintable for infinite color combinations
- Excellent adhesion to fabrics, stretch properties, and wash durability
- 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
- Heavier ink deposits will produce superior dimensional textured images. Lower ink deposits will produce a softer finish
- 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
- CHENILLE FORMULA: 85 grams Plush Base + 15 grams colorants. Use flat 86 t/in screen mesh or 86 t/in screen mesh with 200 micron capillary film. Ink can be printed directly onto fabric or over an under-print. Print-flash-print only. Cure ink at 320°F (160°C) entire film
- FLOCK FORMULA: 85 grams Plush Base + 15 grams colorant. Use flat 156 t/in screen mesh or 156 t/in screen mesh with 150 micron capillary film. Ink can be printed directly onto fabric or over an under-print. Print-flash-print only. Cure ink at 320°F (160°C) entire film
- SUEDE FORMULA: 85 grams Plush Base + 15 grams colorants. Use flat 250 t/in screen mesh, no capillary film. Ink can be printed directly onto fabric or over an under-print. Print-flash-print only. Cure ink at 320°F (160°C) entire film

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit 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: 86-305 t/in (34-120 t/cm)
Tension: 25-35 n/cm2

Squeegee

Durometer: 60/90/60, 60-70
Profile: Square, Sharp
Stroke: Hard flood, Fast 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
or contact your local CSR

AVIENT™ | AVIENT SPECIALTY INKS | V1.00 (Modified: 05/10/2021)