



### Infinite FX Nupuff


Infinite FX Nupuff is specifically designed to give a raised "puff" texture effect. Infinite FX Nupuff is extremely durable and formulated to resist overblow.

### RECOMMENDED PARAMETERS


#### HIGHLIGHTS

- ▶ Nupuff Base| 2570  
Nupuff White| 11000  
Nupuff Black| 19000
- ▶ Excellent adhesion to fabrics, stretch properties, and wash durability
- ▶ Produces elevated "puff" surface with fantastic lift
- ▶ Formulated to resist overblow
- ▶ Tintable for infinite color combinations


**Fabric Types**  
100% cotton, cotton blends, some synthetics




**Mesh**  
Count: 86-160 t/in (34-62 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%




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




**Pigment Loading**  
Minimum 30%  
Maximum 50%  
Test prior to production




**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



#### 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
- ▶ Different effects may be achieved through the use of multiple passes, flash curing, thick screen stencils and overprinting with standard and specialty inks
- ▶ In multi-color printing, flash the puff prior to overprinting
- ▶ 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
- ▶ NuPuff is formulated with overblow protection so the possibility of collapse of the expanded ink is greatly reduced
- ▶ If printing a large area, lightweight fabric may pucker. To alleviate puckering, print a mezzotint or dot pattern (an 80 percent solid)

#### 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

V1.09 (Modified: 10/11/2024)