

# AVIENT SPECIALTY INKS

## PRODUCT INFORMATION BULLETIN



### 2982 FLEXIPUFF ADDITIVE

Avient™ Specialty Inks FLEXIPUFF ADDITIVE is specifically designed to give a raised "puff" texture effect. Add Flexipuff to plastisol ink to create custom puff colors

#### HIGHLIGHTS

- ▶ Produces elevated "puff" surface
- ▶ Additive for plastisol ink to create puff colors
- ▶ Excellent adhesion to fabrics, stretch properties, and wash durability
- ▶ Suitable for use as an additive to reduce gloss

#### PRINTING TIPS

- ▶ Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- ▶ 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
- ▶ For Pantone® colors choose the Pantone® color two shades darker as the color will lighten up
- ▶ Mix up to 30% by weight of Flexipuff additive for a puff effect.
- ▶ Mix up to 2% by weight to reduce gloss of plastisol inks
- ▶ 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

#### RECOMMENDED PARAMETERS



##### 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>



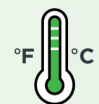
##### Squeegee

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

N/A



##### 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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