

AVIENT SPECIALTY INKS

PRODUCT INFORMATION BULLETIN

2587 INFINITE FX STRETCH BASE



Avient™ Specialty Inks 2587 INFINITE FX STRETCH BASE is a non-phthalate base designed for extremely stretchy fabrics such as Lycra/Spandex or any non-dyed polyester fabric where an improvement in elasticity is required.

RECOMMENDED PARAMETERS

HIGHLIGHTS

- ▶ Superior adhesion to fabrics, stretch properties, and wash durability
- ▶ Ideal for heat sensitive or stretch fabrics



Fabric Types

Cotton, Lycra/Spandex

PRINTING TIPS

- ▶ Avoid using water-resistant emulsions as they can react with the components used to manufacture Infinite FX Stretch Base and cause the ink to lockup and clog the mesh openings. Any other solvent resistant direct emulsions or capillary films will be acceptable
- ▶ Up to 35% Infinite FX Stretch Base may be added to plastisols to achieve desired elongation in print
- ▶ Use as a stand-alone product for a first-down base layer to improve overall stretch of subsequent ink layers
- ▶ Do not mix into inks formulated for polyester or print this product onto any dyed fabric containing polyester as it will promote dye migration
- ▶ Curing is a time and temperature process, a lower oven temperature setting with a slower belt speed while maintaining recommended ink cure temperature is always best to protect fabric, control dye migration and reduce energy consumption



Mesh

Count: 86-230 t/in (34-90 t/cm)
Tension: 25-35 n/cm²



Squeegee

Durometer: 60-70, 60/90/60
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: 160°F (70°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
or contact your local CSR

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



AVIENT
SPECIALTY
INKS

V1.02 (Modified: 07/08/2022)

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.

THIS PRODUCT IS BROUGHT TO YOU BY

NAZDAR
SOURCE ONE

VISIT US ONLINE
SourceOne.Nazdar.com

CALL US
888-578-5713

© 2022 Nazdar. All Rights Reserved.
Specifications subject to change without notice.