

EPIC™ PC EXPRESS COLOR MATCHING

Wilflex™ Epic™ PC Express color mixing system is an easy-to-use, easy-to-mix color mixing system with 15 intermixable pigment concentrates and a variety of mixing bases. Epic™ PC Express color matching will enable printers to produce Pantone® simulations. Inks made with Epic™ PC Express are suitable for high production, wet-on-wet printing, offering a matte finish and excellent crock resistance.

HIGHLIGHTS

Pantone® approved

- Versatile color system to interchange bases for specific applications
- Quality pigments with full spectrum to match a wide range of colors
- Use PC Express with 15 intermixable colorants or additional PCs available for extended range

PRINTING TIPS

- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- When blended according to formulations, colors will vary in opacity from translucent to semi-opaque
- Exhibits good color reproduction on white garment and over a base plate. For some colors, base mixing systems are limited in color saturation and may require an increased ink deposit or formula adjustment to achieve accurate color.
- Colorants are concentrated pigments for use with different bases giving versatility to mix colors for specific applications. Pigment concentrates must be mixed with bases at proper ratios to cure and achieve durability.
- Additional pigment concentrate colorants available for expanded color range and capability

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, www.avient.com/wilflex-compliance

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

V3.11 (Modified: 03/29/2024)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% cotton, cotton blends, some synthetics



Mesh

Count: 110-305 t/in (43-120 t/cm)

Tension: 25-35 n/cm2



Squeegee

Durometer: 60/90/60, 70/90/70, 60-90

Profile: Square, Sharp Stroke: Medium flood, Medium-Fast stroke Angle: 10-15%



Stencil

2 over 2

Off Contact: 1/16" (.2cm) Emulsion Over Mesh: 15-20%



Flash & Cure

Flash: NA Cure: NA



Pigment Loading



Wilflex™ Additives

ASI Viscosity Buster-1% max ASI Finesse Base



Storage

65-90°F (18-32°C) Avoid direct sunlight Use within one year of receipt



Clean Up

Ink degradant or press wash



Health & Safety

Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR

2024, 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, volu 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