



2200 EPIC™ AMAZING BRIGHT WHITE

WILFLEX™ Epic Amazing Bright White is a non-phthalate white ink designed for applications on 100% cotton and cotton/polyester blends where moderate bleed resistance is required. This white ink is press stable, giving printers flexibility to operate at a wide range of mesh counts, squeegee pressures and pallet temperatures. Amazing Bright White is a general purpose white ink with reliable press performance producing good quality prints at a great value to any print shop.

HIGHLIGHTS

- High opacity, superior coverage, brilliant white
- Commendable printability at a wide range of squeegee pressures
- Excellent hand, drape and fiber-matte down
- Excellent for vector graphics, good for fine mesh half-tone graphics
- Excellent bleed resistance on poly-blends
- Suitable for manual and automatic printing

PRINTING TIPS

- Stir inks before printing
- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- Use a printing technique to assure a good ink deposit to maximize bleed resistance and film strength properties
- Amazing Bright White is a full-bodied ink with moderate-fast print stroke speeds. Use hard flood and medium squeegee pressures
- Amazing Bright White is a low bleed ink. When printing on garments that contain certain dyes, pre-test for the potential of ghosting
- Adjust flash cure temperature and dwell time so ink is just dry to touch. Depending on flash unit, a 2 - 3 second flash is adequate.
- Suitable for use as an underbase flash white or as a hi-lite white

COMPLIANCE

- Non-phthalate
- For individual compliance certifications and conformity statements, please visit 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



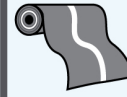
AVIENT
SPECIALTY
INKS

V1.00 (Modified: 11/12/2020)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% cotton, cotton/poly blends, triblends



Mesh

Count: 86-280 t/in (34-110 t/cm)
Tension: 25-35 n/cm²



Squeegee

60/90/60, 70/90/70, 60-70
Profile: Slightly Rounded for large area, Sharp for fine detail
Stroke: Medium flood, fast stroke
Angle: 10-15%



Stencil

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



Flash & Cure

Flash: 220°F (105°C)
Cure: 300°F (149°C)
Entire ink film



Pigment Loading

N/A



Wilflex™ Additives

Epic Viscosity Buster-1% max



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

SDS: www.avient.com/resources/safety-data-sheets
Contact your local CSR

2020, 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.