



ATHLETIC POLY WHITE

WILFLEX™ ATHLETIC POLY WHITE is a non-phthalate plastisol ink designed to print onto 100% polyester and polyester blended fabrics. Athletic Poly White is specially formulated to provide good bleed resistance, opacity and coverage on polyester garments.

HIGHLIGHTS

- Good opacity and coverage, bright white
- Excellent for vector graphics
- Good stretch
- Exceptional printability on manual and automatic presses
- Extraordinary bleed resistance

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
- For challenging fabrics a bleed blocking underbase such as EPIC UBG may be required
- 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



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INKS

V1.12 (Modified: 06/23/2025)

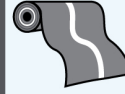
PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS

Fabric Types

100% polyester, polyester blends



Mesh

Count: 86-160 t/in (34-62 t/cm)
Tension: 25-35 n/cm2



Squeegee

Durometer: 60/90/60, 70/90/70, 70
Profile: Square, Sharp
Stroke: Medium flood, Medium 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: 320°F (160°C)



Pigment Loading

N/A



Wilflex™ Additives

ASI 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

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

