



AMAZING BASE 12004PFB

AMAZING BASE 12004PFB is a non-phthalate mixing base for manual and automatic screen printing on 100% cotton and cotton/poly blend substrates. Combining elements in design versatility and press performance, Amazing Base has been engineered to produce optimal color vibrancy and printability providing the versatility and performance you expect from a Wilflex Color System.

HIGHLIGHTS

- Clean, bright colors when mixed with Wilflex™ PCs or Equalizers
- Wet-on-wet printing at high production speeds with exceptional resistance to build-up
- Semi-opaque colors
- Satin finish
- Good color fastness to crocking test

PRINTING TIPS

- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results
- When blended according to formulations, colors will be 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
- Amazing Base is not a low-bleed ink; when printing on fabrics that are prone to bleed underbase with an approved WILFLEX low bleed white and/or blocker
- Exhibits good color retention in high-speed wet-on-wet production with exceptional resistance to build up
- 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
- For cold-peel transfers, use a coated release paper or polyester film

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



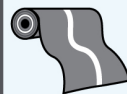
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V3.06 (Modified: 05/06/2025)

PRODUCT INFORMATION BULLETIN



RECOMMENDED PARAMETERS



Fabric Types

100% cotton, cotton/poly blends, some synthetics



Mesh

Count: 86-305 t/in (34-120 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: 220°F (105°C)
Cure: 300°F (149°C)



Pigment Loading

EQ: Refer to IMS
PC: Refer to IMS
MX: N/A
RIO: N/A



Wilflex™ Additives

ASI Viscosity Buster-1% max
ASI Finesse



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