

10545WOBB Wilflex Oasis™ Bleed Blocker Gray

Wilflex™ Oasis Bleed Blocker Gray is a high solids water-based printing ink designed to control dye migration when printing on polyester and can be used with any of our Wilflex Oasis inks. It provides maximum coverage and opacity with good fiber mat down and superior bleed resistance.

Highlights

- ▶ Smooth, matte surface with minimal tack.
- ▶ Good fiber mat down.
- ▶ Flashes dry and fast.
- ▶ Good screen “open” time.
- ▶ Low viscosity ink that will print easily on manual and automatic presses.
- ▶ Exceptional opacity.
- ▶ Superior bleed resistance.
- ▶ Excellent wash fastness.

Printing Tips

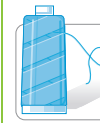
- ▶ Use 110-125 t/in (43-49 t/cm) screen mesh for large coverage areas and non-detailed graphics. Print detailed images with 180 t/in (62 t/cm) screen mesh.
- ▶ Bleed Blocker Gray will re-wet and flow when printed a few times after a break. Keep the flood bar down and clear from the image. Flooding over the image will cause more drying, as more surface area is exposed to the air.
- ▶ Keep the stencil in the unflooded position when printing stops. To avoid “drying-in” of stencil, cover the screen with a moist towel during any break lasting more than a few minutes. Avoid leaving ink in the screen for prolonged periods.
- ▶ Use Oasis Bleed Blocker Black or Oasis Bleed Blocker Gray as an underbase when printing on polyester to avoid dye migration.

Compliance

- ▶ Non-PVC, non-phthalate.
- ▶ For compliance information, please visit www.wilflex.com/compliance.

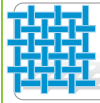
Precautions

- ▶ Perform fusion tests before production.
- ▶ Failure to cure ink properly may result in poor wash fastness, inferior adhesion, and unacceptable durability. Ink gel and cure temperatures should be measured using a Thermoprobe placed directly in the wet ink film and verified on the production run substrate(s) and production equipment. It is the responsibility of the printer to determine that the correct ink has been selected for a specific substrate and the application processes meet your customer’s standards and specifications.
- ▶ To avoid ink interaction in the image area, verify that the screen mesh is clean of previous ghost images. The image area must be clean and de-hazed.
- ▶ Polyester and polyester blends.
- ▶ Excess additions of Oasis additives into Oasis inks may adversely affect ink properties.
- ▶ Infrared dryers may affect curing times. Carefully test and monitor different heat capacities to ensure full cure of inks.
- ▶ Ink cure temperature is recommended at 320°F (160°C) for 1 minute(s). Check the cure temperature at the ink surface. Check the cure temperature at the ink surface.
- ▶ Containers must maintain air-tight seal when not in use.
- ▶ **NON-CONTAMINATION OF OASIS INKS:** Do not add or mix non-Oasis inks, additives or extenders with Oasis inks. All buckets, palette knives, stirring apparatus, squeegees, flood bars and screens must be cleaned properly and free of phthalates and PVC containing inks. Non-phthalate emulsions and pallet adhesives must be used. Failure to follow these precautions may cause phthalate contamination in violation of consumer protection laws and regulations.
- ▶ Any application not referred in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing.
- ▶ Email: techserviceswilflex@polyone.com



Fabric Types

Cotton/poly blends, polyester blends



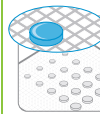
Mesh

Counts: 110-180 t/in (34-62 t/cm).
Tension: 18-35 n/cm²



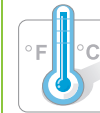
Squeegee

Durometer: 60, 60/90/60, 70, 70/90/70
Edge: Sharp, Square.
Stroke: Medium-Fast
Angle: Steep (15-20%)
**Do not use excess squeegee pressure.*



Water-Resistant Stencil

Direct: N/A
Capillary/Thick Film: N/A
Off Contact: 1/16" (.2cm) or lower
Emulsion-over-Mesh: 15-20%



Flash & Cure Temperatures

Flash: 250-300°F depending on flash type
Cure: 1 minute @ 320°F (160°C)



Pigment Loading

WPC: N/A
**All percentages listed at % by weight.*



Oasis Additives

N/A
**All percentages listed at % by weight.*



Storage

37-104°F (3-40°C)
Use within one year of manufacture date.
Keep containers sealed at all times.



Clean Up

Warm Soap Water (Tap)
Gentle Pressure



Health & Safety

MSDS: www.polyone.com or
Contact your local CSR.