



WILFLEX® Liquid Silver 10988LS

DESCRIPTION

Liquid Silver is an opaque vibrant silver-shine ink that can be used with both flat and High Density graphics. Liquid Silver can be used straight out of the container but with the addition of PC (pigment concentrates) super multi-effect metallic finishes can be achieved.

PRINTER'S PARAMETERS

Substrates	100% cotton, blends
Bleed resistance	none
Mesh (on darks)	86-230 th/in (34-90 th/cm)
Tension (newtons)	25-30 newtons
Off Contact	1/16 inch
Stencil emulsion	Direct or capillary, std. or HD HD screens use, 150-400 micron
Squeegee type	75 durometer, 70/90/70
Squeegee blade	Sharp edge
Gel temp	220F (104C)
Cure temp	320-350F (160-177C) entire film
Extender	none
Reducer	3% max by weight Viscosity Buster 10025VB.
Caution	Excessive modification will reduce bleed resistance and may cause problems in curing or flash curing.
Storage	65-90 F (18-32 C). Avoid direct sun. Use within one year of receipt.
Wash-up	Wilflex Screen Wash. Be sure not to scrub a HD image when cleaning.
Health & Safety data	Available upon request

FEATURES

- Super silver-shine metallic ink.
- Liquid Silver can be printed on all colored fabrics with dark colored fabrics giving best results
- Inks can be used straight out of the container.
- Create metallic special effect colors by adding PC (pigment concentrate) up to 5% by weight.
- Can be used as high density ink as well as a conventional flat print ink.

- Good wash/ non-tarnish finish, when laundered in cool water.
- Good elongation and stretch properties.
- Can be used in conjunction with other Wilflex® First Base special effect inks to create multi-textured finishes.

SPECIAL RECOMMENDATIONS

- The ink can be used as a low high density or flat ink, either on its own or over flash dried colors.
- PC (Pigment Concentrates) added to Liquid Silver has product the most vibrant metallic colors. Mixing a finished ink into the silver will create a more matte and dull finish.
- Add PCs, MX, or Equalizer to create custom color Addition of pigments or finished ink to the base should not exceed 10% by weight.
- Pigment Concentrates (PCs) provide enhanced color vibrancy over a finished ink color additive.
- Single print or print/flash/print can be used to apply ink to fabric.
- Laundering of the garment should be done in cool water to reduce the potential of color degradation.
- Preprint and test all fabrics for dye migration.
- Stir plastisols prior to printing.
- Complete curing of the ink is important to reduce the potential of poor wash fastness and ink surface fracture.
- Perform fusion tests before production. Failure to cure ink properly can result in poor wash fastness, inferior adhesion, unacceptable durability, and increased likelihood of dye migration. Testing procedures for plastisol fusion are outlined in the Wilflex User's Manual.
- Do not dry clean, bleach or iron the printed area.
- Any application not referenced in this product information bulletin should be pre-tested or consultation sought with PolyOne Technical Services Department prior to printing.
Email: techserviceswilflex@polyone.com

Effective 09/15/04. Wilflex products are available in every country. The information in this publication is based on information and experience believed reliable. Since many factors may affect processing for an application, processors must carry out their own tests and experiments to confirm suitability for intended use. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product.

PolyOne Corporation
www.wilflex.com

8155 Cobb Center Drive
Kennesaw, GA 30152
Tel: 800-326-0226; 770-590-3500
Fax: 678-290-2749

Unit 12, Orbital One
Green St. Green Rd.
Dartford, Kent DA1 1QG UK
Tel: (+44) 01322 277778

77 Parkhurst Dr, Knoxfield 3180
Victoria, Australia
Tel: (+61) 3 9887 1522