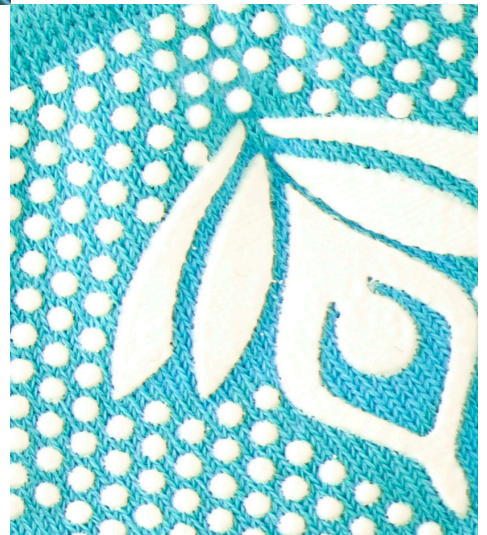


Supreme Performance Silicone Ink

Impressive inks, Impressive prints



SERSIL LINE OF SILICONE INKS



Sersil silicone inks portfolio is a proven solution and formulated specifically to meet the sustainability preferences of textile screen printing industry with its innovative and extraordinary complementary serie solution.

Sersil line of silicone inks's most distinctive features are that it maintains by providing the desired perfect viscosity, soft touch effect, printability, high stretch, and screen life required to print efficiently even the most demanding of fabrics. The performance of Sersil line of silicone in textile printing is unmatched.



It offers extensive features that go beyond ordinary standards along with the required certifications expected major brand owners and printers.

Offering a unique feature combination with a formulation that makes a difference in the screen printing industry, Sersil offers a superior performance silicone printing product range with special silicone solutions depending on the application.





Sersil Silicone Inks: Types, Features & Application Areas

The most ideal solution by a selective range of Sersil formulated specifically to that fully meets the performance requirements with complying standards of major brands and printers.



SCREEN PRINTING SILICONE

B36 Screen Printing&Transfer Silicone

B36 is a printing silicone ink which has a round finish. It has been formulated for ultimate stretch and touching effects on garments. B36 multi-purpose screen printing silicone ink offers an advanced formulate depending on the application to provide unique performance and textile regulatory compliance for direct printing. This makes a unique difference in the printing textile industry and enhances the aesthetics of any textile or product printed with B36.

Sersil line of silicone inks provide perfect color saturation and opacity whether are printed on light or dark colored garments to satisfy the different fabrics and printing effects on direct printing as well as heat transfers.

Superior resistance to protect its original form thanks to its elastic and flexible properties, even after stretching the print many times and makes this ink the ultimate ink for regular and demanding fabrics.

Key Features:

- ▶ Excellent elongation
- ▶ No cracking
- ▶ Good stretchability
- ▶ Good tear & tensile strength
- ▶ Solvent free
- ▶ Excellent adhesion on various fabrics
- ▶ Good durability for ironing and washing
- ▶ High coverage
- ▶ Easily HD prints



B39 Polyester Silicone

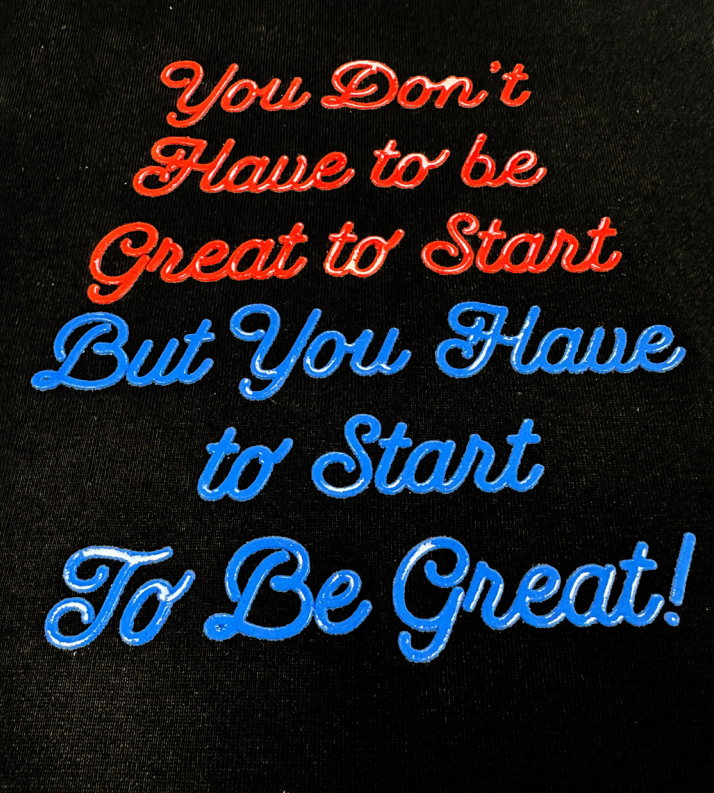
B39 is formulated to fabricate highly stretchable prints by offering an unparalleled design appearance onto garments/apparels especially nylon and polyester. It brings softness abrasion resistance and good adhesion with excellent elasticity that meets every application need of polyester silicone printing.

B39 ensures seamless performance and offers immensely stretchable prints to compliance with textile regulations for polyester silicone printing.



SRO Opaque Silicone

SRO is a silicone elastomer which is formulated for opaque effect, high coverage and longer working life. It is convenient for auto print machine and hand printing. It has a soft hand feel, matte finish and high coverage. Ease of printing as well as excellent flow characteristics, making it ideally suited for brilliant colors and HD prints.



B14 Glossy Surface Silicone

B14 is a top coat Glossy surface silicone solution that offers completely PVC and phthalate-free properties by offering a shiny effect. B14 ink, which is the ideal choice for fabrics printing transparent silicone or colored layers for glossy top coating, has excellent gloss and fast leveling feature without any bubbles on the surface. This ink solution provide easy to print, high opacity, easy de-bubbling and a soft-touch effect.



B42 Anti-Slip Silicone

Anti-slip silicone is a two component screen printing ink. It is formulated to achieve a silicone solution with no-cracking, impressive elongation, prolonged screen life, bubble-free results, and an indulgent soft-touch effect. It is durable and has a life long lasting high gloss and round finish.

In the realm of Sersil Anti-Slip silicone ink, emerges as the ultimate game-changer, meeting the needs of diverse products by printing perfectly and on performance garments, socks, yoga socks and industrial gloves in wide range of applications with a clear finish. It offers a smooth touch, a glossy finish, and a rounded surface, ensuring a superior tactile experience.



Heat Transfer Silicone Set

- ▶ B36 Transfer Printing Silicone
- ▶ T-SR0 Transfer Opaque Silicone
- ▶ STA-02 Silicone Transfer Adhesive
- ▶ F-45 Silicone Transfer Catalyst
- ▶ GB70-110 70-110 Glass Beads
- ▶ TPS102/80-200 Hot Melt Powder
- ▶ SLC101 & SLC200 Heat Transfer Pet Films



1969

B36, T-SR0, STA-02 Silicone inks are used in heat transfer printing methods, where designs are transferred onto the fabric using heat and pressure. It is printed directly onto PET Film to create prints with the designs that can be made as simple as a logo, label or as complicated as an image full of detail.

Silicone-based heat transfer films or sheets are applied to textiles, and the heat activates the adhesive properties of silicone, bonding the design to the fabric. This method enables precise and detailed prints with excellent durability and washability.

H68 Embossing Silicone

H68 Embossing silicone is a printing silicone which has 1:1 mixing ratio and user friendly viscosity. It is produced by pressing a hot engraved metal plate into the surface of a product with a lot of pressure to provide emboss effect on fabrics by pressing the printed silicone in designed molds. This produces a permanent image below the products' surface whilst enabling scope for highly detailed and ornate embossing. With our expertly designed embossing silicone, add creative flair to the prints whilst also creating a distinctive, minimalist and sleek look.



Composition of Flat Heat Transfer:

- ▶ B36 / T-SR0 Clear Base
- ▶ STA-02 Adhesive Layer Silicone Base
- ▶ F-45 Catalyst
- ▶ Pigment Paste
- ▶ Hotmelt Powder / Hotmelt Glue
- ▶ PET Film

Composition of HD Heat Transfer:

- ▶ B36 / T-SR0 Clear Base
- ▶ STA-02 Adhesive Layer Silicone Base
- ▶ F-45 Catalyst
- ▶ Pigment Paste
- ▶ Glass Beads
- ▶ Hotmelt Powder / Hotmelt Glue
- ▶ PET Film



Ready-for-Use Silicone Inks

SRW-White and SRP-CMYK Ready-for-Use (RFU) inks made specifically for direct application and provide superior flexibility and stretchability.

SRW-White

It is a ready for use white silicone ink. After mixing with catalyst, it can be printed directly. SRW-White has unique coverage and touching effect.

SRP-CMYK

SRP-CMYK colors are made for process color printings. They are ready to use printing silicones. After mixing catalyst they can be printed directly on garment.

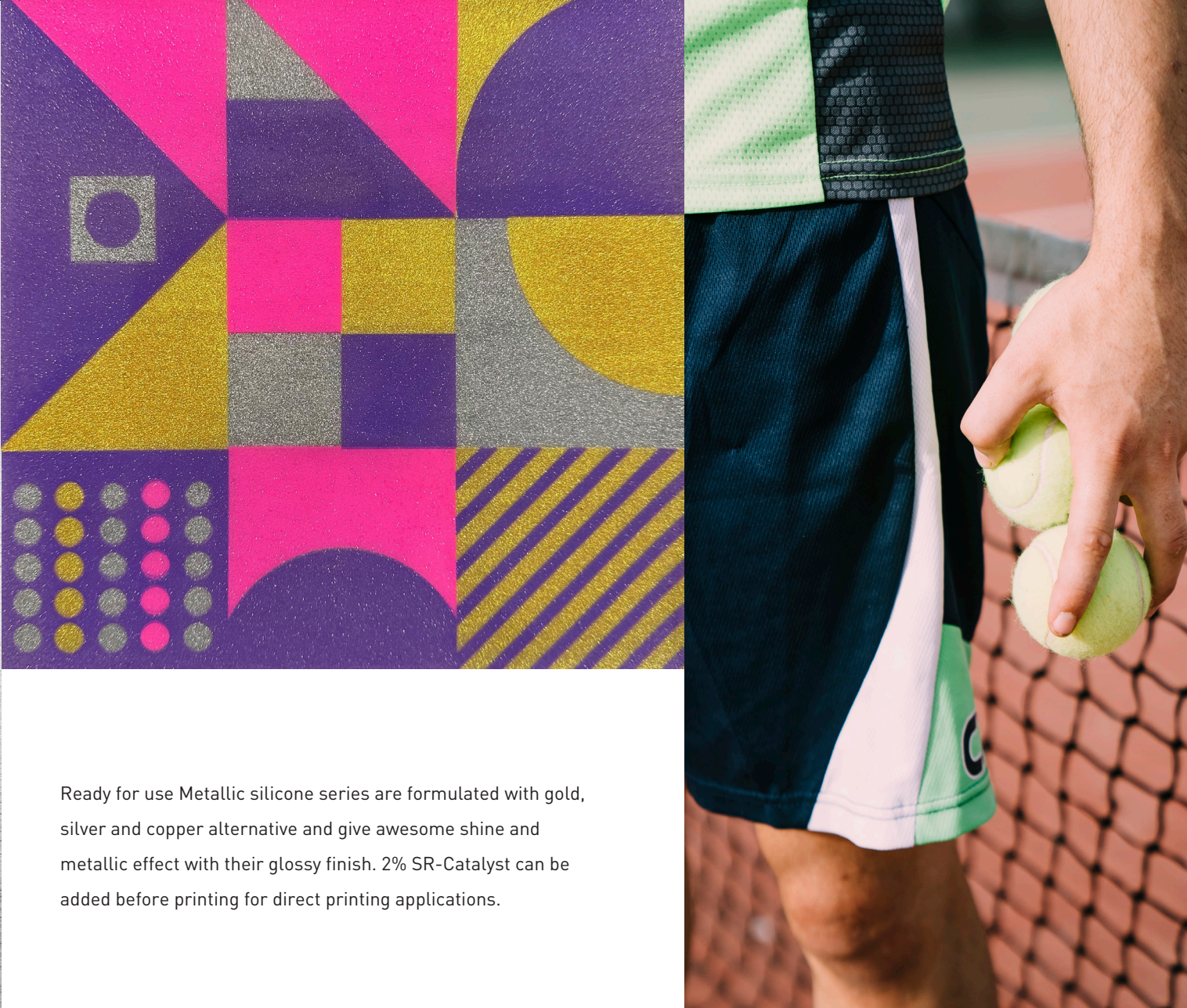
Silicone Additives

Sersil silicone-based ink system relies on the base and catalyst as its main components. Serimak has come up with a dynamic offering that includes multiple bases that are compatible with platinum catalyst, as well as several specialty additives. Sersil bases are combined with additives to attain softness and high stretchability.



Metallic Silicones

- ▶ SR-GOLD Silicone Gold
- ▶ SR-SILVER Silicone Silver
- ▶ SR-COPPER Silicone Copper



Ready for use Metallic silicone series are formulated with gold, silver and copper alternative and give awesome shine and metallic effect with their glossy finish. 2% SR-Catalyst can be added before printing for direct printing applications.

F-05 Matting Agent

Matting Agent is a medium viscosity opaque base with excellent printability to give a matte effect. It provides excellent coverage, opacity and stretchability with non-sticky soft hand feeling.

SR-THINNER Silicone Thinner

SR-THINNER is used to reduce viscosity without changing silicone features. It can be adjusted according to printing needs.

F-60 Retarder

Silicone Retarder is recommended for extreme climates to extend the screen life of silicone ink during printing process. It can be used with any Sersil Silicone ink to slow down the drying process.

SR-BARRIER Anti-Migration Barrier

It's formulated to stop dye migration on garments from the ground up. It is used for barrier effect to the migration of the dyes dispersed in the polyester fabrics, especially used in the sports field. It is a kind of additive that can be added into a clear base silicone.

F-55 Puff Silicone

Puff ink is an additive used in screen printing that rises easily from clothing when exposed to heat. It is the ideal choice for creating stunning 3D effects in designs and also it allows you to add thickness to a design, making a simple design stand out.



Concentrated Pigment

We offer perfectly matching formulas to enable a complete color selection consisting of various colors that are obtained by mixing pigments with bases.

We have wide variety colors including fluorescent that enable to printers to achieve desired color requirements and specific color matching recipes for brilliant and correct printing.



Sersil Silicone Pigments

PRODUCT	DESCRIPTION
SR-YELLOW	SILICONE PIGMENT YELLOW
SR-GOLD YELLOW	SILICONE PIGMENT GOLD YELLOW
SR-BLUE	SILICONE PIGMENT BLUE
SR-BLACK	SILICONE PIGMENT BLACK
SR-RED	SILICONE PIGMENT RED
SR-WHITE	SILICONE PIGMENT WHITE
SR-CARMINE	SILICONE PIGMENT CARMINE RED
SR-INDIGO	SILICONE PIGMENT INDIGO BLUE
SR-GREEN	SILICONE PIGMENT GREEN
SR-ORANGE	SILICONE PIGMENT ORANGE
SR -FUSCHIA	SILICONE PIGMENT FUSCHIA
SR -PURPLE	SILICONE PIGMENT PURPLE
SR -NIGHT BLUE	SILICONE PIGMENT NIGHT BLUE
SR -FYELLOW	SILICONE FLUORESCENT YELLOW
SR -FGREEN	SILICONE FLUORESCENT GREEN
SR -FORANGE	SILICONE FLUORESCENT ORANGE
SR -FPINK	SILICONE FLUORESCENT PINK
SR -FBLUE	SILICONE FLUORESCENT BLUE





Superior performance features that make Sersil line of silicone printing inks unique;

- ▶ Withstand numerous washings and abrasions excellent lasting appeal and vibrancy
- ▶ High degree of stretch and durability in the wash process
- ▶ User-friendly properties and very easy to process
- ▶ Environment-friendly: Phthalates, PVC, and tin free
- ▶ Dye migration is prevented by low curing temperatures
- ▶ Exceptional textile adherence to cotton, polyester, nylon and blends
- ▶ Outstanding hand feel and numerous printing effects
- ▶ Extremely soft hand feel
- ▶ High elongation and excellent durability on elastic fabrics

We are ready to assist by guiding you in the specifics on how to mix Sersil line of silicone inks.



www.serimak.com