

SLS-SERIES

303

(Non-Phthalate & PVC SLS Series, Semi Glossy Type)

Features

- Screen printing Silicone ink, feature of high elongation, elasticity, and adhesion, able to print on most of fabric, equivalent quality of <SL-3000 SERIES>, semi-glossy appearance.
- Good workability due no need to mix Reducer or Thickener.
- Consist of 2 type, <SL-CATALYST> should be mixed to Silicone Ink.
- Able to do dry Cleaning and iron fabric, due to thermal-resistance and feature of non-toxic.
- Various color, easy access to desired colors.
- Suitable to multi Purpose, such as Direct Printing, Transfer Printing, etc.
- Glossy Appearance.

Application

- Able to apply on fabric that needs elongation (swim suit), high elasticity (Spandex), and most of uncoated fabric.
- High glossy appearance, suitable to multi purpose and able to use as coating.
- Able to apply on Foil Printing as antiblocking ink of foil after curing.
- For Flash Cure, 5-10 sec / 392°F(200°C) is recommended, repeat several times if needed.

Curing (Fusion)

- Curing: 100(Silicone) : 4(Catalyst), 320°F (160°C), heating more than 60sec.
- Pot-life: about 6 hours(77°F / 25°C).
- Higher rate of Catalyst can make curing time shorter, but make work difficult due to short Pot-life.
- If Pot-life is short due to mix high rate of Catalyst or high room temperature, mix 1~2% of <SL-AD CURING DELAY> to extend Pot-life.
- If more than 5% of Catalyst is mixed and in 25°C of atmosphere temperature, it is possible to be cured naturally after 24 hours.

Remarks

- It is desirable to use within 6 month from manufacture date, but if passed 6 month, use after test of curing ability and adhesion, etc.
- If printing area on the fabric is containing phosphoric and sulfuric compound, or fabric that rubber attached, or Jean fabric, it may not able to cure.
- Conduct cure thoroughly to do not loss adhesiveness and fastness.
- Although Silicone Ink has anti-migration effect, conduct enough test before main printing.
- If needed to mix other product or material, contact AONE for more information.

Eco-Friendly

- Compliant with CPSIA(Pb, Phthalates).
- Meet standard of Eco-passport, adidas A-01, NIKE RSL.
- AONE's product does not contain regulated materials, but we do not examine whole product. We recommend to examine every kind of regulated materials and pre-testing for your own use purpose.

Colors

	3700 BASE
	3711 ORANGE
	3713 RED
	3721 LEMON YELLOW
	3722 YELLOW
	3730 CYAN GREEN
	3740 CYAN BLUE
	3745 MARINE BLUE
	3750 BLACK
	3760 WHITE
	3770 VIOLET
	3811 FL-ORANGE
	3812 FL-RED
	3813 FL-PINK
	3815 FL-MAGENTA
	3816 FL-PURPLE
	3820 FL-YELLOW
	3830 FL-GREEN
	3840 FL-BLUE

Method

- Substrates: 100% cotton, cotton blends, Polyesters, nylon, spandex.
- Mesh :50~150 t/in.
- Curing: 100(Silicone) : 4(Catalyst), 320°F (160°C), heating more than 60sec.
- Wash-up: organic solvent.

Packing & Storage

- Packaging: 20Kgs.
- Storage: Avoid direct sun, keep in cool place(41~77°F / 5~25°C).