

# SL-1000 SERIES

# 301

(Non-Phthalate & PVC SL-1000 Series, Gloss Type)

## Features

- Silicone ink, Feature of superior adhesion to fabric, elongation and elasticity, used in screen printing.
- 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 uncoated fabric.
- Able to apply on Silicone material, such as Swimming Cap.
- 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

	1000 BASE
	1011 ORANGE
	1013 RED
	1021 LEMON YELLOW
	1022 YELLOW
	1030 CYAN GREEN
	1040 CYAN BLUE
	1045 MARINE BLUE
	1050 BLACK
	1060 WHITE
	1070 VIOLET
	1111 FL-ORANGE
	1112 FL-RED
	1113 FL-PINK
	1115 FL-MAGENTA
	1116 FL-PURPLE
	1120 FL-YELLOW
	1130 FL-GREEN
	1140 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).