

# SLM-SERIES

# 304

(Non-Phthalate & PVC SLM Series, Shine Free Type)

## Features

- Screen printing Silicone ink, able to print on most fabrics except special fabric, matte appearance.
- Good workability due no need to mix Reducer or Thickener.
- Able to enhance opaque when printing to dark fabric.
- Can prevent fabric be rolled, due to minimized restoring force.
- Excellent anti-migration, for fabric of polyester(100%), polyester blends, cotton/polyester.
- 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.

## Application

- If more elasticity and tensile strength needed, mix 10~20% of Silicone Base.  
- Silicone Base: #1000 BASE, #3000 BASE, #1806 HSB
- 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

	2100 BASE
	2111 ORANGE
	2113 SUPER RED
	2121 LEMON YELLOW
	2122 YELLOW
	2130 CYAN GREEN
	2140 CYAN BLUE
	2145 MARINE BLUE
	2150 BLACK
	2160 WHITE
	2170 VIOLET
	2211 FL-ORANGE
	2212 FL-RED
	2213 FL-PINK
	2215 FL-MAGENTA
	2216 FL-PURPLE
	2220 FL-YELLOW
	2230 FL-GREEN
	2240 FL-BLUE

## Method

- Substrates: 100% cotton, cotton blends, Polyesters, nylon,
- 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).