

SL-SILITHAN SERIES

305

(Non-Phthalate & PVC Silithan Series, Slip Type)

Features

- Screen printing Silicone ink, feature of Slippery surface, due to minimize moist surface of Silicone Resin, able to print on most of fabric.
- Able to enhance opaque when printing to dark fabric.
- Can prevent fabric be rolled, due to minimized restoring force.
- Able to do thick print due to high viscosity and thixotrophy of ink, mix <AD-1920> for thin print.
- 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

	3500 BASE
	3511 ORANGE
	3513 RED
	3521 LEMON YELLOW
	3522 YELLOW
	3530 CYAN GREEN
	3540 CYAN BLUE
	3545 MARINE BLUE
	3550 BLACK
	3560 WHITE
	3570 VIOLET
	3611 FL-ORANGE
	3612 FL-RED
	3613 FL-PINK
	3615 FL-MAGENTA
	3616 FL-PURPLE
	3620 FL-YELLOW
	3630 FL-GREEN
	3640 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).