

SL- SP UVC SERIES

(Non-Phthalate & PVC Silicone UVC Series)

320

Features

- Silicone ink for textile printing, changes colors when exposed to light, express color only under light, but don't express color without it.
- Consist of 2 type, <SL-CATALYST> should be mixed to SL-SP UVC SERIES.
- Able to do dry Cleaning and iron fabric, due to thermal-resistance and feature of non-toxic.
- Consist of 4 colors(Red, Yellow, Blue and Violet), and able to obtain various color by mix them.
- High transparency, low opacity.
- Glossy appearance.

Application

- For dark fabric, print white ink underbase and print colored ink to obtain desired color.
- If print result is thick, it can express color without any light, so conduct test prior to printing.
- Exclusive usage is recommended, but mix with colored ink is non-recommended.
- Mix SL-3000 BASE to reduce color concentration.
- For Flash Cure, 5-10 sec / 392°F(200°C) is recommended, repeat several times if needed

Curing (Fusion)

- Mix rate of "SL-SP UVC(100) : Catalyst(4), curing 1 min, under above 320°F / 160°C.
- 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.
- Color expression may down if exposed to light(UVC) for a long period.
- If printing area on the fabric is containing phosphoric and sulfuric compound, or fabric that rubber attached, or Jean fabric, it is may not able to cure.
- Conduct cure thoroughly to do not loss adhesiveness and fastness.
- Although Silicone Ink has feature of anti-migration, 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

	5510 RED
	5520 YELLOW
	5516 VIOLET
	5540 BLUE

Method

- Substrates: 100% cotton, cotton blends, Polyesters, nylon, spandex.
- Mesh :50~150 t/in.
- Curing: 100(SL-SP UVC) : 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).