

# 312

# SL- SP 1806 HSB(High Stretch Base)

(Non-Phthalate & PVC Silicone High Stretch Base)

## Features

- Silicone ink for textile printing, Feature of superior elongation, adhesion and elasticity, used in screen printing.
- Consist of 2 type, <SL-CATALYST> should be mixed to SL-SP 1806 HSB.
- Able to do dry Cleaning and iron fabric, due to thermal-resistance and feature of non-toxic.
- Mix <TONER / SLT MT Color> for various color expressions.
- Suitable to multi Purpose, such as Direct Printing, Transfer Printing, etc.
- Glossy appearance.

## Application

- Able to apply on fabric that needs elongation (swim suit), of high elasticity (Spandex), and most of uncoated fabric.
- Mix this ink to normal Silicone Ink to increase elongation and adhesion
- For Flash Cure, 5-10 sec / 392°F(200°C) is recommended, repeat several times if needed

## Curing (Fusion)

- Mix rate of "SL-SP 1806(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.
- 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

1806 HIGH STRETCH BASE

## Method

- Substrates: 100% cotton, cotton blends, Polyesters, nylon, spandex.
- Mesh :50~150 t/in.
- Curing: 100(SL-SP 1806) : 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).