

SL- SP 1807 MIRACLE SILAN

307

(Non-Phthalate & PVC Silicone Transfer Adhesive)

Features

- Textile printing Silicone ink, ideal for transfer printing as a Primer, good adhesion between Silicone ink and Hot-melt resin.
- Consist of 2 type, <SL-CATALYST> should be mixed to SL-SP 1807.

Application

- Silicone ink Transfer Printing

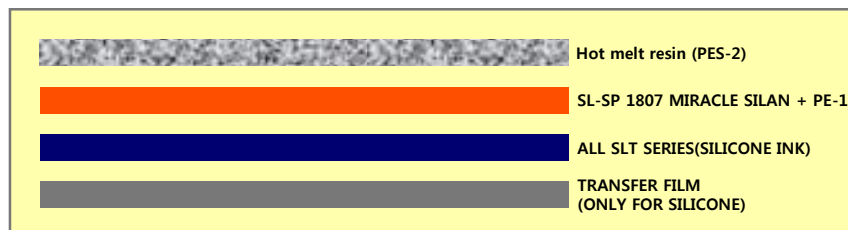
A. Printing Method

- Print Silicone Ink on transfer film(only for Silicone) - Silicone ink(100) : Catalyst(4)
 - Repeat "Print - Flash Cure - Print" to thick result.
 - For Flash Cure, 5-10 sec / 392°F(200°C) is recommended, repeat several times if needed.
- After mix Hot melt resin <PE-1, smaller than 100µm> to <SL-SP 1807 MIRACLE SILAN>, print this on printed Silicone, curing is not needed(SL-SP 1807(90) + PE-1(10) : Catalyst(4)).
- Scatter Hot melt resin<PES-2, 80~200µm> on <SL-SP 1807 MIRACLE SILAN> and remove remained Hot melt around printing area.
- Curing 1 min / 320°F(160°C) and this is printing material for Transfer.
- Place printing material on desired position and conduct heat press.
 - Press 10 sec / 320°F(160°C), high pressure recommended, and conduct press on opposite side for thick print.
- Remove film after film and ink is completely cool down.

B. Printing Products

- SL-SP 1807 Miracle Silan
- Hot melt resin – PE-1 (< 100µm)
- Hot melt resin – PES-2 (80~200µm)
- All SLT Series (Silicone Ink) by AONE. CO., LTD.

Silicone Transfer Printing <Picture 1>



Colors

1807 MIRACLE SILAN

Method

- Substrates: 100% cotton, cotton blends, Polyesters, nylon, spandex.
- Mesh :50~150 t/in.
- Curing: 100(SL-SP 1807) : 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).

307

SL- SP 1807 MIRACLE SILAN

(Non-Phthalate & PVC Silicone Transfer Adhesive)

□ Curing (Fusion)

- Mix rate of "SL-SP 1807(100) : Catalyst(4), curing more than 1 min, 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 RETARDER AGENT> 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.