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## How to print HD glossy golden silicone effect?

### Tips for golden silicone ink printing:

#### Preparation:

- 1.Mesh&Squeegee: **120(48T)** Mesh number ;**65-75** degree Squeegee.
- 2.: Pigments added ratio:**For white and fluorescent color 20%,other color 10%,glitter powders 10%.**
- 3.Catalyst mixing ratio:**2%** slow dry XG-866B-1 and fast dry XG-866B-2 can mix together for using.
- 4.Silicone thinner XG-128A adding ratio:**0-20%** Silicone thinner is not necessary for hand printing
- 5.Heating Temp and time: Flash cure temp :**100°C– 120°C for 6-10 seconds ,Drying temp :120°C– 140°C for about 2 -3 minutes.**

#### Silicone ink printing tips:

1. **HD silicone 866AH for under coating and high density printing for 6-12 layers :**

HD silicone	XG-866AH	100G	
Silicone thinner	XG-128AH	10G	10%
Fast dry catalyst	XG-866B-2	2G	2%

Cure by temp of 120°C 6-10 seconds.

**If fabric with serious hairy or want to get more smooth effect kindly assist by heat press machine or iron after first time printing. After printing keep wet to heat press by temp 150-170 degree for 10-20 seconds.**

2. **Round silicone mix with golden powder to print 3 layers :**

Round silicone	XG-866A-2Y	100G	
Golden powder	63306	10G	10%
Silicone thinner	XG-128AH	20G	20%

### 3. Glossy silicone ink or matte silicone ink for top coating:

Glossy top coating for 1-2 times:

Glossy silicone ink XG-399-3 50G

Fast dry catalyst XG-866B-2 1G 2% **It will be better to use slow dry catalyst XG-866B-1 and fast dry half and half. If for machine printing to use slow dry catalyst.**

Silicone thinner XG-128AH Silicone thinner is not necessary for hand printing, 5-10% is enough for machine printing. Cure by temp of 100-110°C 10-25 seconds **Have to get silicone bubbles out first, try to use code wind to support and it will be better to use low temp by longer heating time. To avoid bubbles problem.**