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TDS of XG Silicone Screen Printing For white HD Matte Silicone on Sports Wear

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%**
3. Catalyst mixing ratio:**2%** slow dry XG-866B-1 and fast dry XG-866B-2 ,hand printing to use fast dry catalyst and ,machine printing to use slow dry catalyst or slow dry catalyst and fast dry catalyst to mix together for using.
4. Thinner XG-128A adding ratio:**0-20%**
5. Heating Temp and time: Flash cure temp :**100°C- 120°C for 6-10 seconds, Drying temp :120°Cfor about 2 -3 minutes.**

Silicone ink printing tips:

1. HD silicone XG-866AH for under coating for two times :

HD silicone XG-866AH 60G
Fast dry catalyst XG-866B-2 1.2G 2%
Silicone thinner XG-128AH 6G 10%

Cure by temp of 120°C 6-10 seconds.

2. Anti-migration silicone printing for 2 times :

Anti-migration silicone XG-866F 60G
Anti-migration silicone agent XG-866FB-1 1.2 G 2%
Fast dry catalyst XG-866B-2 1.2 G 2%

Thinner XG-128AH thinner is not necessary

Cure by temp of 120°C 6-10 seconds. Can not heat to be totally dry, or will easily lead to being delamination.

3. Color effect silicone printing for 3-4 times :

HD silicone XG-866AH 60G
White color pigment XG-102 12G
For white and fluorescent color 20%, other color 10%
Fast dry catalyst XG-866B-2 1.2G 2%
Silicone thinner XG-128AH 6G 10%

Cure by temp of 120°C 6-10 seconds.

4. Matte silicone ink for top coating for 1-2 times:

Matte silicone XG-866M 60G
Fast dry catalyst XG-866B-2 1.2G 2%
Silicone thinner XG-128AH 6G 10%

Cure by temp of 120°C 6-10 seconds.

After printing finish, heat by 120°C for about 2 -3 minutes.