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TDS of XG Silicone for CMYK Effect

Preparation:

1.Mesh&Squeegee:Mesh number **120(48T)** for under printing color,**300-300(80-120T)**for CMYK color printing ;**65-75** degree Squeegee.

2.: Pigments added ratio:**For CMYK effect Color mixing ratio 20%**

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-128AH adding ratio:**20%** Silicone thinner is necessary for CMYK printing

5.Heating Temp and time: Flash cure temp :**130°C for 6-10 seconds ,Drying temp :120°C- 140°C for about 2 -3 minutes.**

Silicone CMYK printing tips:

1.Under print color effect print 1 layer, CMYK color print 2 layers :

Elastic soft silicone	XG-866NYR+	100G
Color pigment	XG- color	20G 20%
Fast dry catalyst	XG-866B-2	2G 2% If machine printing to use slow dry catalyst.
Silicone thinner	XG-128AH	20G 20%

Cure by temp of 130°C 6-10 seconds.

If fabric with 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.Matte top coating for 2 layers:

Matte silicone	XG-866M-6+	50G
Fast dry catalyst	XG-866B-2	1G 2% If machine printing to use slow dry catalyst.
Silicone thinner	XG-128AH	Silicone thinner is not necessary for matte silicone.

Cure by temp of 120°C 6-10 seconds.

After printing finish, to heat by 120°C– 140°C for about 2 -3 minutes.

For some smooth oil coating fabric have to print 1-2 layers crossing linker first then print silicone

ink .Crossing linker mixing ratio:

Crossing linker XG-360Z-3X 30G

Silicone ink catalyst XG-866B-2 1.5G 5%

And for fabric printed crossing linker then have to bake 100 degree for over 10 minutes then can get

goods fastness.