



PRODUCT INFORMATION

MULTI PROFOILER

GENERAL INFORMATION

Multi Profoiler is high washing fastness, good elastomeric, excellent hand feel and multi foil applicable foil and flocking adhesive. It is an excellent product for use on dark color fabrics as well as light fabric for direct or transfer foiling or flocking. In a proper ratio within Multi Profoiler and transfer adhesive, Multi Profoiler can even be printed on certain types of water-repellent fabric included filament polyester or nylon for direct and transfer flocking and also for foil transferring with good washing fastness and adhesion properties.

TYPE OF FABRICS

Cotton, Blends Cotton Polyester, Blend Rayon Polyester, Rayon, Denim, Polyester and certain Nylon.

*** ALWAYS PRETEST FASTNESS PROPERTIES BEFORE PRODUCTION. ***

APPLICATION METHOD

To achieve a balance color on dark, Mix small ratio of Genesis White HO with Multi Profoiler (9:1) to achieve some opacity. Add a small dosage of Pigment Concentrated to achieve the family tone color with the foil or flock prior using the paste.

For flocking on dark, always print an underbase white with Genesis White.

Direct Foil, we suggest to use as ratio recommended.

All multi profoiler should be fully dry on table prior applying the subsequence foil in multi foiling process. Non dry Multi Profoiler print will stick on to the next foil paper.

Catalyst AS100 will enhance the flocking fastness performance.

TYPE OF STENCIL & MESH

Used only water resistant, direct in direct emulsion. Capillary film are recommended for fine details printing (Call your emulsion supplier for water resist emulsion)

- 49T mono-filament to 54T mono-filament.
- Make sure emulsion thickness should not be more than 10 micron for foil transfer or table multi foiling
- Always make sure emulsion thickness should not be lesser than 50 micron for flocking application.

SQUEEGEES AND PRINTING TABLE.

Foiling

1. For optimum result on multi profoiler use 60/70 shore hardness squeegee.
2. To avoid foil sticking during multi foiling process hard table are recommended.

Flocking

1. Optimum squeegee hardness for flocking is 55/65 shore hardness.
2. Soft tables are most suitable for flocking application.

DRYING AND POLYMERIZATION.

For maximum fastness, prints are to be cure at 120 degree Celsius or 320 degree Fahrenheit for 3 minutes Air flow recommended are 3000 cfm for proper polymerization.

In condition where poor heat color fastness for flock are used, cold cure catalyst AS100 are recommended to bring down the curing temperature required.

OTHERS IMPORTANT TIPS.

Always flood screen when completed every printing stroke, this is to prevent ink from drying on screen. To avoid print tackiness, make sure print was fully dry on table line prior staging on top of others fabric, as Multi Profoiler are slightly tacky even though it was fully dry.