



## PRODUCT INFORMATION

### GENAPUFF BASE

#### GENERAL INFORMATION

Gena Puff Base is a Genesis Series acrylic core shell embosses ink which gives whitish puff that looks three dimensional print effect. It is a ready for use water base ink that can be screen printed out of its can. Genapuff Base is recommended to be printed on cotton, blend, rayon and certain type of highly elastic fabric with good washing fastness and adhesion. Gena Puff Base crocking fastness (wet and dry) performance show excellent result [4-5]. Genapuff Base was recommended be used in conjunction with Genesis White HO and Genesis OP. Gena Puff Base show excellent stability with Metallic, Phosphorescent, Pearlscent and Reflective printing.

#### TYPE OF FABRICS

Cotton, Blends Cotton Polyester, Blend Rayon Polyester, Rayon, Denim, Polyester, Vinyl, PVC Sheet and some Nylon.

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

#### APPLICATION METHOD

Genapuff Base is recommended to be use direct from the can. Antitac NT is recommended in condition where tackiness was detected.

#### TYPE OF STENCIL & MESH

Used only water resistant, direct in direct emulsion.

(Contact your emulsion supplier for water resist emulsion)

32T/80T to 54T/140T mono-filament are recommended for excellent puff effect.

#### SQUEEGEES AND PRINTING TABLE.

For excellent puff effect 55/65 shore hardness rounded squeegees are recommended. Soft tables are most suitable. We will suggest that a silicon rubber, are to be place on top of the printing pellet to improve the printing table hardness.

#### DRYING AND POLYMERIZATION.

For maximum fastness, prints are to be cure at 150°C/302°F for 3 minutes. Air flow recommended are 2000 cfm/56 m<sup>3</sup>/min for proper polymerization.

#### OTHERS IMPORTANT TIPS.

We suggest to always flooding screen with ink when completed every printing stroke to prevent ink from drying on screen.

Gena Puff are suggested to be printed last in your printing sequence and try to eliminate flash curing if not necessary.

To achieve excellent fastness you might need to add Catalyst Binding Agent up to a maximum of 2 % by weight.

To achieve smooth 3 D puffing, over print with Genesis Clear ink are suggested.

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