



Technical Data Sheet

➤ **Printex Aqua Foam Concentrate** ➤ **Water-Based // Printing Paste for Foam Effect**

PRODUCT DESCRIPTION

- **Printex Aqua Foam Conc.** is Water-Based // Translucent // screen printing paste used for foam effect on fabrics. It is a foam (puff) that results in the standard temperature water-based paste.
- Printex Aqua Foam Conc works easily in the screen without being effected from ambient temperature.
- It can be easily used in automatic printing machines or table printings with high efficiency.
- It has a high color efficiency. It is possible to obtain lighter pastel tones by putting Turamin Color Pastes into the product.
- Printex Aqua Foam Conc is ecological. It does not contain PVC - phthalate - formaldehyde-APEO.

CHEMICAL AND PHYSICAL PROPERTIES

Physical status: Paste

Color : Translucent-Yellowish

Odour : Characteristic

Ph : 8.5-9.5

Flashpoint : ND(Not Available.)

Explosion Limit : ND(Not Available.)

Density : 1.15-1.25 g/ cm³ 20°C

Viscosity : 35.000-45.000 cPs (Haake viscosimeter Sp 6/20 rpm) 20°C



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APPLICATION FEATURES AND METHODS

- Printex Aqua Foam Conc. printing ink does not dry in the screen.
- It can be easily used over light fabrics and for multi color prints.
- Product's washing and rubbing fastness is in optimal level.
- It can be colored 3-5% with Turamin pigment concentrates.
- In case of highly pigmented recipes, fastness checks should be done and **Printex Fixirer New** should be added(1-3%), if necessary.
- If extra softness is desired, **Printex Eco Softener** % 3 - 5 may be added.
- If extra thinning is desired, **Antidry** %1-5 may be added.
- If extra thickening is desired, **Thickener** may be added.

Shelf Life:

It must be protected against freezing and kept away from direct sunlight. 1 year in unopened package.

Recommended Silk Numbers:

According to the desired print results, it is possible to work with different silk numbers.

For Opaque (covering) printing results	: 43-55T
For light background printing results	: 62-77T
For higher resolution prints	: 90T



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Fixation:

In fixing tunnel (the machine): It requires fixation for minimum 2 minutes at 120°C – 130°C.

Fixation process of Printex group printing inks should be done properly. They may dry much later compared to usual conventional water-based printing inks.

Final fixation after printing should be applied in optimum values of the process.

Fixation process, which has not been done properly , causes sticky surface over fabric.

Failure to complete the fixing process leads to problems in printing fastnesses.

It is recommended to make the last fixation process for 2 minutes at minimum 130 degrees for optimum washing fastnesses.

Note: All printing tests should be done before proceeding to serial production. The information provided in this Technical Data Sheet is advisory, does not constitute guarantee, it may arise different results with different printing media and technologies.

Safety

While using this product, the information and recommendations provided in the **Safety Data Sheet** should be examined. Precautions required for the use of chemical should be taken sensitively.

APPROVAL