



AQUATECH PU

Code: AM1010

PRODUCT DESCRIPTION

It is a polyurethane water based ink for textile printing.

APPLICATION FIELDS

Water based ink indicated for:

Textile direct printing on light and dark ready-to-wear or pre-cut articles. It is suitable for cotton, jersey, lycra and polyester.

GENERAL & TECHNICAL FEATURES

- Good opacity on dark substrates
- Very good elasticity
- Good printability
- Low bleed
- Soft touch
- High washing resistance
- No dry in the screen
- PVC and Phthalates free
- Heavy metal-free
- APEO-free
- Water soluble
- Complies with OEKOTEX STANDARD 100
- Complies with INDITEX

PREPARATION

It is ready to use. It's possible to dilute with **AQUATECHTHINNER** (in a maximum percentage of 5%) in case of hot room temperature during summer period.

APPLICATION

We recommend to adjust the out of contact and the pressure of the squeegee in order to obtain an ink film that can remain onto the surface of the substrate.

To obtain best results use screens 34-120Th/cm both for manual printing and automatic.

Print up to 90 mesh, best printing performance between 43 and 55 msh.

Keep the screen wet, by nebulizing water.

We advise to use Amex **SCREEN-SOL QBLU** and **SCREEN-SOL GK PLUS BLU** as emulsions.

POLYMERIZATION

Best fixing conditions are achieved by curing with hot air oven at 150°C for 3 minutes.

CLEANING

Wash tools with water.

STORAGE

If stored in its original container at a temperature between 10 and 25°C **AQUATECH PU** will preserve its features for at least 1 year from the date of production.



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Amex srl gives the a/m suggestions as guidelines for the customer and assumes no liability direct or indirect for any improper use. It is the user's responsibility to determine the suitability of the product to the intended use according to working conditions.

PACKING& RANGE

AQUATECH range is composed by:

1. AQUATECH PU BIANCO
2. AQUATECH PU OPAQUE BASE
3. AQUATECH PU TRANSPARENT

AQUATECH PU is available in 5 and 20 KG package.

NOTE

Before to use the ink in production, we suggest to make some test in order to evaluate if the product satisfies the requirement.

It is also important to check curing conditions, the addition of additives could require a longer curing time. Squeegee, screens and cases must be cleaned well in

order to avoid any possible contamination. In order to avoid a quick drying:

- Print and lay an adequate ink quantity
- In case of long breaks, do not cover the drawing in the screen, and spray small quantities of water before starting again.
- Nebulize small quantities of water in order to compensate the loss in humidity.



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