

**TEXPRINT EXTRA SOFT**

**Code: AM100295**

**TEXPRINT EXTRA SOFT CONCENTRATO**

**Code: AM100293**

**PRODUCT DESCRIPTION**

Water based transparent/clear ink for textile printing. Ecological.

**APPLICATION FIELD**

Water based ink indicated for:

textile direct printing only on light colour fabrics. Suitable for cotton or cotton mixed with synthetic fabrics.

**GENERAL & TECHNICAL FEAUTURES**

* Super soft touch
* Excellent printability
* No drying on the screen
* Excellent wet-on-wet printability
* No tack
* No drying on the screen
* PVC, formaldehyde and phthalate free
* Heavy metal free
* APEO free
* Soluble in water
* Complies with **OEKOTEX STANDARD 100**
* Complies with all most restrictive ecological regulations in textile market
* If hardened, it doesn’t require curing into oven

**PREPARATION**

AM100295 TEXPRINT EXTRA SOFT

Ready to use base for pigments.

AM100293 TEXPRINT EXTRA SOFT CONCENTRATO

Prepare as follow:

19,7 % TEXPRINT EXTRA SOFT CONC.

78,5 % WATER

1,8 % TEXPRINT EXTRA SOFT ADDENSANTE

Add each ingredient stirring with a high-speed mixer.

**PRINTING**

**TEXPRINT EXTRA SOFT** can be printed with screens up to 120 mesh (th/cm).

In order to obtain the best colour opacity and brightness, during printing, it is recommended to adjust the out of contact, the inclination and the pressure of the squeegee at their best.

For the best printing result, it is suggested to use a 70/75 shores squeegee.

**TEXPRINT EXTRA SOFT** is indicated for wet-on-wet printing.

**CURING**

To achieve the best washing resistance, it is necessary to dry **TEXPRINT EXTRA SOFT** in the oven at 150-160°C for 2-3 minutes.

If it’s not possible to dry **TEXPIRNT EXTR SOFT** in the oven, the ink can be cured at room temperature adding 5% of **TEXPRINT CATALIZZATORE EXTRA**. In this case the ink will be dried in 10 minutes and completely polymerized after 72 hours.

**CLEANING**

Wash tools with water.

**STORAGE**

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

**PACKING**

5 – 15 – 50 KG. Other packages on request.

**ADDITIVES**

TEXPRINT THINNER

Thinner. It helps to improve the printability and to thin the ink reducing the viscosity.

It also helps to prevent and slow the drying of the ink on the screen.

(Maximum percentage of 5%)

TEXPRINT RITARDANTE

Retarder. It helps to prevent and slow the drying of the ink on the screen.

(Maximum percentage of 5%)

TEXPRINT RITARDANTE GEL

Retarder. It helps to prevent and slow the drying of the ink on the screen. Thanks to its “gel form” it does not reduce the viscosity.

(Percentage between 2% and 5%)

TEXPRINT EXTRA SOFT ADDENSANTE

Thickener. It helps to increase the viscosity of TEXPRINT EXTRA SOFT. We suggest to use a mechanical mixer to disperse the additive uniformly on the whole mass of the product. It may be used to make ready to use TEXPRINT EXTRA SOFT from the concentrated form.

(Maximum percentage of 2%)

TEXPRINT ADDITIVO E

It helps to improve the elasticity of the water based ink.

(Percentage of 5%)

TEXPRINT ADDITIVO S

It helps the “wet on wet” printing system. It helps also to slow the drying of the product on the screen.

(Maximum percentage of 5%)

TEXPRINT FISSATORE

Fixing agent. It helps to increase the solidity of the water based pigments and the washing resistance.

(Percentage between 2% and 3%)

TEXPRINT CATALIZZATORE UNIVERSALE

Catalyst/Hardener. It helps to increase general washing resistance of the water based inks.

(Percentage between 1% and 5%)

TEXPRINT CATALIZZATORE EXTRA

Catalyst/Hardener. It allows to achieve the washing resistance of the water based inks without the polymerization in the oven. It helps also to increase the washing resistance of the inks with standard curing in the oven.

It doesn’t reduce the pot life of the ink when mixed.

(Maximum percentage between 5% and 10%)

**NOTE**

Before using the ink in production, it is necessary to make some tests in order to evaluate if the product satisfies the requirements.

It is also important to check the curing conditions; the addition of additives could require a longer or a shorter curing time. Squeegees, screens and other tools must be cleaned well in order to avoid any possible contamination.

In order to avoid a quick drying on the screen:

* Print and lay on the screen an appropriate quantity of ink.
* In case of long breaks, cover the stencil on the screen with the ink. Eventually spray small quantities of water before starting again.
* Nebulize water in order to compensate the loss of humidity.