HYPER TXT

Code M223700

PRODUCT DESCRIPTION

One pot pure polymer emulsion (PPE) medium high solids, upright coating quality and good reactivity to UV radiation. Fast exposing time, to expose also with CTS exposure systems.
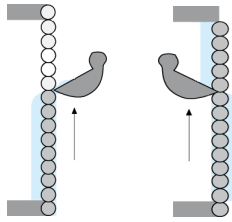
APPLICATION FIELDS

HYPER TXT has been formulated to be easily used in applications with water-based inks, discharge inks, plastisol and silicone inks. For direct screen-printing processes on cotton and mixed fibers. For applications with flat roll-to-roll screen-printing or directly on pre-cut or manufactured clothes to dress, transfer printing, or to print on any other industrial and graphic substrates (paper, metal, plastic, glass, wood).

GENERAL FEATURES

- Excellent mechanical strength
- Short exposure time
- Ready to use
- Good edge definition
- Solvent free
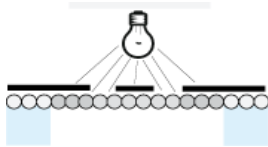- Red colour
- Solid 30-35%

APPLICATION PROCESS

	PREPARATION OF THE FABRIC - New fabrics: degrease with **CLEANSER** - With recovered fabrics: apply in advance **SPARK BOON** or **CLEANER STRIP PASTA,** later treat with **CLEANSER**
	SENSITIZATION **HYPER TXT** does not require any sensitization. It comes ready to use.

APPLICATION

The application process is related to the type of fabric used; **HYPER TXT** is recommended on fabric weave between 55 up to 120 th/cm.

As a model you can use:

One coat to each side of the screen

If a higher build is required, extra coats should be applied on the squeegee side of the screen

Dry in ventilated oven at 30°-36°C

Placing pictures stencil in a horizontal position with the print side down. The drying time varies depending on the amount of the applied photoemulsion. If the oven or the room has elevated humidity, use a dehumidifier.
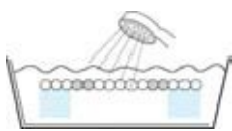
EXPOSURE

A proper exposure is needed to ensure the best performance of the screen. A wrong exposure value cannot guarantee the necessary resistance during printing. It is also recommended to use the exposure calculator for targeted preventive tests to detect the correct best times
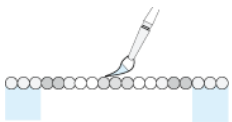
Fabric	Application Method (printing side + squeegee side)	Exposure time
55-140 W	1 + 1	136s

Lamp MH 2,5kW; distance 140cm

DEVELOPEMENT

- Dip the screen in a tank with water (at room temperature) for about 5-10 minutes.
- Rinse with water spray gun on both side of the screen until the complete opening of the details of the design.
- Dry in an oven at maximum temperature of 45°C

RETOUCHING

Any retouches can be done with the same emulsion. Perform subsequently a few minutes post exposure to UV light.

HARDENING

Catalyze the emulsion with **Catalyst 215**

Let act the catalyst: The stencils may be used subsequently 12 hours after application if left a room temperature; or within 60 minutes if dried into a hot air oven at 50°C-60°C

- Note that if hardened, the emulsion becomes permanent, therefore the so prepared stencils could not be stripped anymore

EPTATECH

EPTATECH S.R.L. | Via A. De Gasperi, 1 – 22070 Luisago (CO), Italy | Tel. +39 031 9090111 – Fax +39 031 920505
info@eptatech.com | www.eptanova.com

Pag.2 di 3

RECOVERY

If not hardened and for the removal of the emulsion at the end of the printing job, it is recommended to clean the stencil adequately and to use **Polistrip** series products.

SPECIAL RECOMMENDATION

- Always test the characteristics of the product before application.
- Always use the product in a yellow light-screened environment.
- The emulsion, when stored at a maximum temperature of 25°C has a shelf life of about 12 months
- Safety Data Sheet available on request

PACKAGING

1kg, 5kg,, ready to use.
Other bigger packaging under request.

IMPORTANT NOTE

The information in this technical data sheet is not intended to be exhaustive and is based on our current knowledges and as well on the current laws. Anyone who use this product for purposes other than those specifically recommended in the data sheet without first obtaining written permission, does it at his/her own risk.

Although we strive to ensure that all advices we give about the product are correct, we have no control over both the quality and the condition of the substrate or the many factors affecting the use and application of the product.

Consequently, in the absence of a specific written agreement, we do not accept any liability for the product performance or for any loss or damaged caused by it.

The information contained in this form are subject to periodic changes under the light of experience and our policy of continuous development. It is user's responsibility to check that this sheet is current prior to using the product.

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Pag.3 di 3