

Emulsions

Broad range of photographic emulsions, for the preparation of stencils with perfect definition and high resolution. Innovative products for the most demanding applications.

Unifilm

Pre-sensitized pure photopolymer emulsions

Dualfilm

Dual cure emulsions (dialzo + photopolymer)

Decafilm

Emulsions sensitized with dialzo or dichromate

Dirafilm

Emulsion sensitized with direct addition dialzo (D. A. D.)

Laser Screen

Emulsion for exposure with laser

AGABÊ

Dialzo sensitized emulsions

Screen foto

Dichromate sensitized emulsions

Chemicals

Complete line for the whole stencil making process: from mesh stretching to reclaiming.

Mesh stretching

Decafix frame adhesive - two components, one component or instant dry

Mesh preparation

Decaprep - mesh degreaser and conditioner

HB10 - degreasers

HB12 - abrader and degreaser (paste)

Positive and negative making

Opak - ink for positives

Opak laser - image darkener (toner)

Washing out

HB 70 liquid light - exposure enhancer

Finishing

HB 20 Fast and Normal drying - removable blockouts

HB 20 Acqua - permanent blockout

Post treatment

HB 72/76 - stencil hardeners

HB 74/78 - stencil catalysts

Printing

HB 80 - permanent adhesive

Matt glass - glass etching process

Open screen - mesh opener (spray)

Stencil reclaiming

HB 50 - stencil removers

HB 52 - ink removers

HB 54 Super or Normal - haze removers

Decasolv LM - solvents for cleaning stencils

Decaclean HR - one component haze remover

Decaclean MIX (A+B) - all-in-one

Accessories

Special products designed to guarantee quality and productivity.

AGABÊ Test Positives for regular and for thick stencils

Aluminum frames

Aluminum scoop coaters with plastic ends

Brushes for frame adhesive and reclaiming

Hardness meter for squeegee blades

Illuminated microscope - 100x magnification

Pneumatic stretching clamps

Squeegee holders (aluminum and wood)

Squeegee blades

Tensionmeter

Training videos

Wash out spraying hose

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The easiest, fastest
and most economical way to
prepare thick stencils



UNIFILM 3D EMULSIONS

The perfect choice for a thick stencil.



UNIFILM 3D are pure photopolymer emulsions, specially developed for thick stencils for the textile, ceramic and industrial markets. The advantages of UNIFILM 3D in comparison to capillary films and traditional emulsions are amazing:

- High viscosity:

Due to their high viscosity, they do not run down or drip during the coating process, allowing the build-up of thick layers without intermediate drying.

- High solid content:

It guarantees a low thickness loss during the drying process.

- High definition:

Provide sharp edges that are independent of the mesh structure, even for coarse meshes.

- Pre-sensitized:

It is not necessary to add any sensitizer. UNIFILM 3D come ready to use and they can be used for over two years.

- Fast exposure:

Even for thick layers, the exposure time is very short - it is about ten times shorter than a stencil of the same thickness made with a traditional diazo emulsion.

- Long print runs:

They provide longer print runs due to their perfect adhesion to the mesh.



Three versions are available:

UNIFILM 3D

- For printing thick layers with plastisol, gel, silicone, water and mineral spirit based inks.

- Also suitable for printing glass powder and special inks for the ceramic industry.

- For stencils up to 1500 μm on meshes with 8 to 43 threads/cm (20 to 110 threads/inch).

UNIFILM 3D-Light

- For printing fine details even in thick layers, with plastisol, water, mineral spirits and oil based inks.

- Wider exposure latitude.

- For coating up to 800 μm (wet on wet) on meshes with 32 to 90 threads/cm (81 to 230 threads/inch).

UNIFILM 3D-Solv

- For thick prints with high density plastisol and solvent based inks.

- Perfect for industrial applications, printing texts in Braille system, electronic components and engine gaskets.

- Up to 1200 μm on meshes with 21 to 77 threads/cm (53 to 195 threads/inch)

With UNIFILM 3D, it is easy to obtain the right thickness on any mesh.