Screen Colour Systems

GT 2002 AzoCoat T Technical Data Sheet

Description

AzoCoat T is a dual-cure photopolymer emulsion specially formulated for textile printing using coarse meshes (10T - 62T). It is suitable for water based and plastisol inks.
Its thicker consistency gives excellent mesh bridging properties and will produce stencils with virtually no pin-holes. It is recommended for line work only. It is very hard wearing, has a medium to fast exposure and is easily reclaimed.

Technical Info

High viscosity 48% Solids content
Colour: Blue
Biodegradable and Non hazardous

Application

AzoCoat T is most suitable for mesh counts from 10 threads per cm up to 77.
Due to the high viscosity of this emulsion it is recommended that the newly sensitised emulsion should be left for a few hours to degas before use.
Before coating ensure the mesh is dust & grease free. The application of GT1003 Degreaser Gel and subsequent thorough rinsing with water is recommended.
Once the mesh is dry AzoCoat T should be coated 1/2 on mesh counts from 10 to 34 and 1/1 on 43 and above.

Storage

Storage temperature for AzoCoat T must not exceed 20^0C. The unsensitised emulsion has 12 months pot life, after sensitising the emulsion should be used within 2 – 3 months and kept in a cool dark area such as a fridge or basement. Coated frames can be kept below 20^0C unexposed for up to 3 weeks.

Exposure

Because there are so many variables in exposing the emulsion, such as different lamp types and age, the distance from the lamp to the screen, mesh counts, colour and stencil thickness, it is impossible to give a definitive exposure guide. We recommend the end user conduct their own test exposure to determine an accurate exposing schedule.

Post Exposure

Re exposure to UV light (repeat the original exposure time) will increase the water resistance of the stencil for long runs. Post exposure will also make the stencil easier to reclaim.

Decoating

Decoat with AQ1020 Photosolve Gel or diluted AQ1021 Photosolve Concentrate. Wash off stencil with high pressure water immediately after applying the decoater.

Standard Packaging

AzoCoat S is sold in 1 kg & 4.5 kg plastic containers.

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