

MARKTEX-600

Marktex-600 has been specially developed for the economical engraving of textile printing screens by the direct method. It does not require reinforcing with lacquers the chemical curing process enables extremely fine detail to be reproduced.

PROPERTIES

Medium viscosity very light sensitive exceptionally sharp image reproduction high elasticity and excellent resistance to all sorts of printing pastes normally used in textile printing and suitable for both polyester/nylon or stainless steel meshes. The container size ranges from 10. & 30 kg blue color with 6 months shelf life.

APPLICATION

1. Proportionately sensitizer 1.000 g Marktex-600 with 50 gm. Marktex Sensitizer
2. Clean and degrease the screen fabric thoroughly and let it dry.
3. The following methods of coating yield high-quality results.
 1. Coat the screen once on the outside and dry. Thereafter apply an extra coat on the inside and dry yet again.
 2. Coat the screen once on the outside and once on the inside wet on wet and let it dry.
 4. For both methods of coating , dry in a horizontal position in a dark room at a maximum temperature of 40°C.
5. The exposure time depends not only on the light source but also on the coating thickness. The mesh count of the screen and the distance of screens from the light source.
6. Develop in a water bath by immersing the screen in bath for about 5-10 minutes. water spray may be used for obtaining cleaner image. Rinse with water thoroughly.
7. Dry off the screen and do the retouching.
8. Apply Marktex Hardener by sponge or soft brush liberally on both sides of the screen for hardening and allow it to dry at room temperature.
9. The curing may be carried out in two ways:-
 1. Natural curing; screens should be stored at room temperature (minimum 20°C) for 20-22 hrs for achieving the resistance necessary for printing
 2. Heat curing; put the screen into a heated cabinet at 50-60°C for one hour to achieve the maximum resistance for printing.
10. Wash the screen with water and dry it to be ready for printing.