

NEPTUNE TEXTILE SCREEN INKS

Neptune screen textile colours have been designed to enable printers to produce screen prints on cotton and most 50/50 cotton/polyester blends without the use of catalysts. Ink should be dried with a heat gun or hair dryer between coats until print is dense enough. Prints once dried retain the original soft feel of the fabric.

Type of Stencil : Water resistant.

Printing : Coarser grades of mesh produce prints with most intense colours.
It is therefore recommended that the following grades are used as a guide:

Colours 43-62T monofilament

Opaque White 34-43T monofilament

Coverage approximately 15 sq m/Lt using a 62T mesh.

Thinners : Up to 5% water may be added. Inks should be washed up with water and not allowed to dry in the screen.

Drying and Curing : Neptune inks should be heat cured. They are touch dry in 15-30 minutes in normal shop temperatures. Garments should not be sealed in polyethylene bags before the inks are fully dry, as they may not develop wash fastness. Neptune inks may be heat cured to achieve immediate or improved fastness. Adhesion to high polyester content garments is generally also improved.

Curing schedule: 150-170°C for 2-3 minutes (with heat gun, hot iron, tunnel dryer etc.)

Fastness : Lightfastness is good, approximately 6 on the blue wool scale.
When cold cured, prints are resistant to gentle wash programs at 40°C. Neptune inks are not recommended for polyesters, acrylics or nylon fabrics.