



### Series A C R I L T E X

#### **Product Description**

With this kind of water-based ink all type of fabrics can be printed, those made of natural fibres (cotton, wool, linus, canvas) and synthetic ones (acrylics, polyamides). Because of their adaptability to all kind of fabrics, these inks can be used in many different and various fields, especially in advertising (T-shirts, canvas bags, hats, flags, etc.) and sport-wear (training suits, wind jackets, etc.).

#### **Main characteristics**

The main characteristic of the Acriltex inks is in their exceptional opacity property. With these inks it is possible to print light colours on dark background and printing turns out very sharp and bright.

Water and dry-cleaning resistance is very effective after a thermal treatment as the resistance to rubbing and iron pressing.

Acriltex are very thick inks because they are formulated with a high concentration of pigment and extenders. For that reason they turn the printed fabric a little thicker, but it remains rather stretchable and soft.

#### **Curing**

If a perfect resistance to washing is required, it is necessary to cure at a high temperature. In order to turn these inks detergent-resistant, a temperature of 130°-150°C for 4-5 minutes is enough; to achieve an effective dry-cleaning resistance it is necessary to go over a temperature of 160°C.

#### **Thinning**

Acriltex inks are normally printed with large-mesh fabrics (32-77 threads/cm.). They do not tend to dry in the screen and usually they are printed without thinning. During the hot season they can be thinned with water or with a specific retarder thinner. After printing the screen has to be washed straightaway with a powerful draw of water.

#### **Stencil**

The stencil of the screen must be made up with the direct system only, using chemically catalysed emulsions for long prints run or with Dual Cure emulsion for small-medium prints run.



## SCREEN INKS

### Range of colours

Owing to the limited kind of pigments and dyes that can be used in this special formulation, Acriltex ink are supplied in a limited range of shades of our colour chart of mat inks (fluorescent ones included on request for a minimum quantity of Kg 20 each shade).

Anyway all colours are mixable to one other, therefore they are able to satisfy the normal needs of printers.

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This information is based on our direct experience but it does not answer any real guarantee.