



SERITEX Series

Product description

Seritex inks are special water-based colours, particularly studied for wash-fast and dry-cleaning resistant printing on cotton fabrics. Very good results are also achieved on vegetal fiber fabrics, such as linus, hemp and jute.

After appropriate tests they can be printed on mixed fabrics with a small percentage of synthetic fibers.

Seritex inks are mainly used for printing on T-shirts, clothes, interior decoration fabrics and curtains.

They are also employed in the advertising field to print on banners, hats, flags, standards, etc.

Seritex inks have very light shades, for this reason they leave a soft hand of fabrics but they are not very opaque.

For this reason it is advisable to use this product only on white and light coloured fabrics.

Main characteristics

Seritex inks show a good printability both with hand-pressing and circular (carousel) and one-line printing machines, employed for multiple colour printing.

With these machines it is possible to make the wet-on-wet printing procedure, as intermediate drying among colours is not necessary.

Seritex inks have the following important characteristics:

Curing

Differently from other kind of inks, Seritex do not need special curing treatment at high temperature. As they are special catalytic inks they also cure at room temperature.

That allows to work without problems, with no checking of the ovens temperature during the working process. Instead when inks that cure only at a high temperature are used it is always necessary to check the oven, because it can happen that for incidental reasons temperature decreases and therefore the printing will not be washing- resistant.

Washing resistance

After five-seven days time from printing Seritex resists perfectly to frequent washings with detergents in washing-machines. It is of course possible to achieve washing-resistance in a short time submitting the prints to forced drying at 150-170 °C for 2-3 minutes or to iron-pressing.



SCREEN INKS

Very soft "hand"

One of the main characteristics of this inks is in having a very soft hand and therefore printed fabrics keep their original softness.

METHODS OF EMPLOY

Preparation of the mixture

Before printing Seritex inks must be mixed to its catalyst in the following ratio:

1000 gr. of ink
20 gr. of catalyst

The mixture can be used for several days, but it is preferable to prepare it daily.

Thinning

Seritex are supplied ready for printing. When thinning is required it is possible to carry it out adding water up to 5%. Cleaning of the screen has to be made soon after printing with a powerfull draw of water. To remove possible ink residues Universal cleaning solvent should be used.

Stencil

It is advisable to make the stencil only with the direct system. As they are water-based inks it is necessary to use emulsions that are chemically hardened to obtain a perfect water resistance screen or a Dual Cure emulsion for small-medium prints run. Large meshes 43-77 threads/cm. have to be used and printing should be done with a soft squeegee (Vulkollan 65 shore) to obtain a even layer of ink.

RANGE OF COLOURS

Owing to the limited kind of pigments and dyes that can be used in this special formulation.

Seritex ink are supplied in a limited range of shades of our colour chart of matt inks.

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.