



SCREEN INKS

Serie "NEW PLASTISIR "

General description

This product can be applied on fabrics both by direct printing and by hot transfer application. Fast drying plastisol inks for application in textile field specially formulated to be printed with automatic machines for multicolour printing like "carousel".

Application

"NEW PLASTISIR" can be used on natural and synthetic fabrics by direct printing or transfer process. This Serie is suggested for the decoration of T-shirts, sportswear and working clothes when is required a strong washing and scratching resistance. Furthermore this serie is highly appreciate for its opacity and elasticity so light colours can be printed on dark background with very good results.

Characteristics

- Good opacity allowing the printing also on dark fabrics.
- Easy to print.
- High stability on the screen
- Soft plastic touch which can be improved by printing with very fine meshes.
- Fast drying time, specially under I.R. lamps.

DIRECT PRINTING

Application

"NEW PLASTISIR" inks can be printed with large meshes (24-43 threads/cm) on dark fabrics in order to obtain a good opacity or with fine meshes (100-120 threads/cm) for trichromatic colours or where a soft touch is required.

Drying

For multicolour prints the drying time should be reduced to few seconds under I.R. lamps. This allows to avoid "wet on wet" printing that is not advisable in case of printing on smooth and low absorbing fabrics.

After I.R. drying, it is always suggested to complete the curing at 150°-170°C for 2-3 minutes in order to achieve the best resistances.

Thinning

“NEW PLASTISIR” inks are ready to use, in case of printing with very fine meshes, **DILUENTE MEDIO 242** could be added.

TRANSFER PRINTING

“NEW PLASTISIR” are suitable also for transfer printing process.

The procedure is the following:

- 1°) DIRECT PRINTING ON TRANSFER PAPER
- 2°) PARTIAL CURING
- 3°) TRANSFERING

Partial curing

After printing it is important to proceed to the partial curing in the oven. This is a fairly delicate procedure because it is important to pay attention to cure neither too much nor too little. In the first case a poor adhesion will result, in the second case the transfer will penetrate too deeply in the fabric.

Transferring

Full curing of Plastisol inks occurs during the hot-pressing transferring procedure. These operation has to be generally carried out at 190°C for 10-15 seconds. Support paper should be removed when it has become cold. If the fabric on which the transfer has been applied cannot stand this high temperature, a lower temperature should be used increasing the pressing time.

Range

The “NEW PLASTISIR” are available in the 20 standard colours shown in our color card.

Packaging

All colours are available in 1 Kg. and 5 Kg. tins.

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This information is based on our direct experience; however it is not to be consider a guarantee.