



MODERN SPECIALTIES IN SYNTHETIC AND PLASTIC INKS

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TINTA CALCOPLÁSTICA

Code ID. 0600

The **Calcoplástica** is a screen printing ink the type of **Plastisol**, with the ideal viscosity for the direct or indirect decoration of cotton and fabrics. It is formulated phthalate-free. It has very good resistance to mechanical abrasion, to stretch, to continuous washes and to perspiration, but it does not withstand dry cleaning. In addition, it has excellent weather resistance and its high covering power allows the stamping of dark fabrics.

APPLICATIONS

It is used for the printing of sports shirts, jogging, work clothes, labels, etc.

In the field advertising is used for the printing of flags, bags, bags and umbrellas.
Recommended mesh: from 24 to 77 threads / cm.

HOW TO USE

Indirect decoration: *the impression with the inverted image is made on silicon paper and then, by means of heat or platen press, that image is transferred to the fabric. In the printing on the silicon paper, it is necessary to pre-dry or polymerise at a temperature between 90 ° C and 110 ° C (194°F and 230 °F), depending on the thickness of the ink film, in about 10 seconds.*

The transfer of the image is done by means of heat or platen press, making sure that the pressure exerted is constant throughout the surface, at a temperature between 170 ° C and 190 ° C (338 °F and 374 °F). Once the operation is completed, make sure that it has completely cooled before removing the paper from the fabric.

It is important not to exceed the temperature indicated in the pre-drying.

Direct decoration: *it is the impression that is made directly on the fabric. The drying times are greater than that used in the indirect decoration. The temperature required for drying varies between 150 °C and/or 160 °C (302 °F and/or 320 °F), obtained by means of oven, infrared rays, hot air, etc.*

Screen: *Solvent-resistant screen with open meshes (from 34 to 48 threads per cm) will be used, and the washing can be done with our product "Slow Viscosity Reducer 145" (Code 9145).*



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SPECIFICATIONS

Support:	Cotton and polyester cotton fabrics (light and dark)
Other Supports:	Synthetic fabrics in indirect printing with Adhesivo 0692 (Adhesive Code 0692)
Printing:	Nylon or polyester mesh from 25 to 48 threads, soft doctor blades and preferably with rounded profile.
Drying:	Polymerization at 170 ° C-190 ° C (338 °F and 374 °F)
Performance:	The average yield is 15 to 17 m ² / kg.
Dilution:	Plastificante 115 (Code 0641) Auxiliary Additives: Adhesivo 0642 (synthetic fabrics indirect method)
Cleaning:	Solvente Universal (Universal solvent – Code 9145)

It is not considered flammable. Over time it will increase its viscosity until gelling, which in any case, does not occur before one year.

RANGE OF COLOURS

Code	Description	Code	Description
0610	White	0641	Plastificante 115
0611	Extra White	0642	Synthetic Fabric Adhesive
0622	Medium Yellow	0650	Orange
0623	Yellow Chrome	0652	Red
0631	Fluorescent Yellow *	0654	Magenta
0634	Fluorescent Red *	0660	Green
0635	Fluorescent Fuchsia *	0670	Royal Blue
0636	Fluorescent Green *	0672	Ultramarine Blue
0640	Colourless	0690	Black

* *Epecially made upon request*

IMPORTANT NOTE

- I. The inks formulated by Pintesint SAICyF must be used exclusively with the solvents and the complementary products that it manufactures for that purpose. Due to the diversity of products in the market, the company is not responsible for the use of the same from another source.
- II. The suggestions and data of this literature were elaborated in good faith, to guide the user. We recall the importance of checking the adaptability of inks and complementary products by testing before starting production. Due to the fact that the conditions of use of the products are not under our control, the present does not constitute a guarantee on the work to be done.