

Seriplastik 12 Serie

Code K12---

PRODUCT DESCRIPTION

Series of opaque plastisol inks for textile printing, with glossy finishing.

APPLICATION FIELDS

Direct textile printing. For ready-to-wear or pre-cut articles.

APPLICATION PROCESS

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|--------------------------|--|
| Substrates | <ul style="list-style-type: none"> • Cotton 100% • Cotton mixed with synthetic fibers • The substrates may be white or coloured |
| Th/cm | <ul style="list-style-type: none"> • Max: 77 Th/cm (195 Th/inch) |
| Emulsion | <ul style="list-style-type: none"> • <i>Zero-In Astra</i> • <i>Zero-In Universal Plus</i> |
| Squeegee | Square edge. Squeegee hardness, according to the desired final effect |
| Curing | 150°C – 160°C for 3/2 minutes |
| Auxiliaries | See TDS Seriplastik Auxiliaries |
| Cleaning | Screenclean ST |
| Storage | <ul style="list-style-type: none"> • Away from direct sunlight • At a temperature between 15-35°C |
| Safety Data Sheet | Available upon request |

GENERAL FEATURES

- High opacity
- Good wet on wet printability
- Bright chromatic range
- Good elasticity
- Soft touch
- Phthalate-free

PREPARATION

Ready-to-use ink.

Homogenize well, before using it. The colours may be all mixed among them with each ratio. It is however recommended not to mix more than 3 bases together at a time. When realizing soft colours, it is recommended to check their steadiness during time.

APPLICATION

For the best colour opacity and brightness, during printing, it is recommended to adjust the out of contact and the pressure of the squeegee at their best, in order to obtain an ink film that can remain onto the surface of the substrate.

The opacity is influenced by the kind of drawing, the th/cm screen number, the squeegee, the pressure and the printing speed.

CURING

Curing must take place at 150/160°C for 3/2 minutes.

Seriplastik are thermoplastic inks: only an appropriate curing is able to allow the complete ink fusion, therefore the achievement of the required final characteristics.

SPECIAL INSTRUCTIONS

- Always test the print characteristics, before starting production.
- Always check curing conditions. The addition of additives could require higher temperature or longer time.
- Plastisol inks do not resist dry cleaning, bleaching and ironing.
- The inks of the series *Texiplast 7000* are phthalate-free.
- Before using them, make sure that squeegees, countersqueegees, screens and cases have been cleaned well from possible rests of other plastisol series. In that way, possible "pollution", deriving from other ink series, can be avoided.

EQUIPMENT

Indicated for using onto automatic, semi-automatic and manual machines.

PRODUCT RANGE

| Code | Colour | Package |
|--------|-------------------------|---------|
| K12051 | Black | 5 Kg |
| K12055 | Special anticrock Black | 5 Kg |
| K12152 | Primrose Yellow | 5 Kg |
| K12153 | Medium Yellow | 5 Kg |
| K12154 | Gold Yellow | 5 Kg |
| K12250 | Orange | 5 Kg |
| K12251 | Scarlet Red | 5 Kg |
| K12252 | Ruby Red | 5 Kg |
| K12254 | Brillant Red | 5 Kg |
| K12350 | Light Green | 5 Kg |
| K12351 | Bright Green | 5 Kg |
| K12450 | Light Blue | 5 Kg |
| K12452 | Ultramarine Blue | 5 Kg |
| K12454 | Deep Blue | 5 Kg |
| K12455 | Medium Blue | 5 Kg |
| K12901 | Fuxia | 5 Kg |
| K12902 | Violet | 5 Kg |

WARNING

This technical data sheet does not replace either the Safety Data Sheet or the specific Conformity Declaration. These documents may be required to our SHEQ (Product safety office), at the following e-mail address: safety@eptainks.com

The technical data sheet does not relieve the printer, who remains the only responsible of the respect of the regulations, the specifications and the related required certifications of the finished items.

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us to the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.