

Screen Printing Inks



CELLOFLEX

Code A31120000M

PRODUCT DESCRIPTION

Solvent based cellulose ink with semi-glossy finishing

APPLICATION FIELDS

CELLOFLEX series is ideal for printing of graphic works on-to special supports, such as glass, wood or pre-varnished metals. Furthermore, this product is also indicated for the realization of sliding or dry decals.

APPLICATION PROCESS

Substrates	Paper, paperboard, leather Glass, wood, pre-varnished metal
Th/cm	43 to 120
Emulsion	<ul style="list-style-type: none"> ZERO - IN SV PLUS VIOLA ZERO - IN SR-V
Squeegee	Square edge Squeegee hardness 70 - 75 Shores
Drying	Tack-free is reached at room temperature within 15 min., or at 50-60°C for a few minutes
Thinner	DILUENTE 90.924 DILUENTE 90.913 NORMALE INODORE DILUENTE 90.918 LENTO
Retarder	90.923 RITARDANTE INODORE (code A31890923001)
Adhesion promoter	PROMOTORE DI ADESIONE 90.908 (code A31890908000) Max. 10%
Cleaning	SOLVENTE LAVAGGIO LQ 90.920
Storage	If kept in its original sealed package, the product has a shelf-life of 2 years
Package	See the PRODUCT RANGE table
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Good flexibility
- Good opacity
- Quick drying
- Good adhesion on such material, which are difficult to be printed

PREPARATION

Before using it, the ink must be mixed well and, in case, diluted, according to printing requirements.

TECHNICAL FEATURES

The performance of the product, printed with a 100 th/cm screen, is about 40-50 m²/Kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment.

CELLOFLEX series has an outdoor resistance (inclement weather, sunlight) up to 1 year.

These data are highly influenced by the kind of substrate to be printed, the altitude, the geographical position and the air pollution.

The addition of high percentages of white or transparent base to the ink causes a substantial reduction in its light resistance.

SPECIAL INSTRUCTIONS

- Always test the characteristics of the product, before starting production.
- The above information is the result of previous knowledge and experience; it is neither a guarantee nor an assurance.
- In order to improve adhesion on such substrates, that are difficult to be printed, it is possible to add up to 10% **PROMOTORE DI ADESIONE 90.908**. Through the addition of such promoter, the ink has a pot-life of about 8 hours.

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PRODUCT RANGE

BLACKS and WHITES

CODE	PRODUCT	PACKAGE
A31120100M001	WHITE TOYS	1 Kg
A31120700M001	BLACK TOYS	1 Kg

OPAQUE COLOURS

CODE	PRODUCT	PACKAGE
A31120403M001	ULTRAMARINE BLUE TOYS	1 Kg
A31120404M001	BRILLIANT BLUE TOYS	1 Kg
A31120T200M001	PRIMEROSE YELL. TOYS	1 Kg
A31120T202M001	CHROME YELLOW TOYS	1 Kg
A31120T301M001	ORANGE TOYS	1 Kg
A31120T303M001	RED TOYS	1 Kg
A31120T304M001	RUBY RED TOYS	1 Kg
A31120T541M001	GREEN TOYS	1 Kg

OTHER PRODUCTS

CODE	PRODUCT	PACKAGE
A31120800M001	TRANSPARENT BASE TOYS	1 Kg

In order to prepare metal or fluorescent colours, it is possible to add pigments (code A31196000) to **CELLOFLEX TRANSPARENT BASE TOYS A31120800M001**, according to the following percentages:

- 10-15% silver powder
- 20-25% golden powder
- 20-30% fluorescent pigment

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.