

Screen Printing Inks



ONDAFLUTE

Code A31185000

PRODUCT DESCRIPTION

Solvent based cellulose ink with semi-glossy finishing

APPLICATION FIELDS

ONDAFLUTE series is indicated for screen printing of advertising, POP and display onto treated polyolefinic material. Furthermore, it is possible to use this series for printing of bottles.

APPLICATION PROCESS

Substrates	Treated PP, PE, HDPE, POLY CORRUGATED
Th/cm	77 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 20 min., or at 50-60°C for a few minutes
Thinner	DILUENTE 90.925 RAPIDO INODORE DILUENTE 90.917 NORMALE INODORE DILUENTE 90.918 LENTO
Retarder	90.923 RITARDANTE INODORE (code A31890923001)
Adhesion promoter	PROMOTORE DI ADESIONE 90.908 (code A31890908000) Max. 5%
Levelling agent	LIVELLANTE 90.970 (code A31890970000) Max. 2%
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 adhesion also onto not treated substrates
- Good flexibility
- Excellent printability
- Good stability in the screen

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 120 th/cm screen, is 50-60 m²/Kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment.

ONDAFLUTE 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.

In case that a satin finishing is required, it is possible to add **ONDAFLUTE MATTING PASTE** (code A31185840001) to the ink.

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 5% **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
A3118510000-	WHITE TOYS	1 Kg and 5 Kg
A3118570000-	BLACK TOYS	1 Kg and 5 Kg

OTHER PRODUCTS

CODE	PRODUCT	PACKAGE
A3118580000-	BASE TRASPARENTE TOYS	1 Kg and 5 Kg
A31185840001	MATTING PASTE	1 Kg

OPAQUE COLOURS

CODE	PRODUCT	PACKAGE
A31185200001	PRIMEROSE YELL. TOYS	1 Kg
A31185202Y001	CHROME YELLOW TOYS	1 Kg
A31185301Y001	ORANGE TOYS	1 Kg
A31185302Y001	SCARLET TOYS	1 Kg
A31185303Y001	RED TOYS	1 Kg
A31185342001	PINK TOYS	1 Kg
A31185400001	LIGHT BLUE	1 Kg
A31185401001	COBALT BLUE	1 Kg
A31185403001	ULTRAMARINE BLUE TOYS	1 Kg
A31185404001	BRILLIANT BLUE TOYS	1 Kg
A31185440Y001	VIOLETTO	1 Kg
A31185500001	LEAF GREEN TOYS	1 Kg
A31185503001	DARK GREEN TOYS	1 Kg
A31185541001	GREEN TOYS	1 Kg

FOUR-COLOUR PROCESS

CODE	PRODUCT	PACKAGE
A31185297001	YELLOW EUROPE TOYS	1 Kg
A31185397001	MAGENTA EUROPE TOYS	1 Kg
A31185497001	CYAN EUROPE TOYS	1 Kg
A31185797001	BLACK EUROPE TOYS	1 Kg
A31185880001	THIXOTROPIC GEL TOYS	1 Kg

In order to prepare metal or fluorescent colours, it is possible to add pigments (code A31196000) to **ONDAFLUTE TRANSPARENT BASE TOYS A31185800001**, 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.