

UNIFLUTE

Code A311120000

PRODUCT DESCRIPTION

Ultraviolet curing ink with glossy finishing

APPLICATION FIELDS

UNIFLUTE is mainly used for printing of advertising, POP, display and graphic works in general, onto polyolefinic material.

It is also possible to print onto bottles, which were treated through flaming or corona discharge.

APPLICATION PROCESS

Substrates	Treated PP and PE PVC, PMMA, PC, ABS
Th/cm	Max. 165
Emulsion	<ul style="list-style-type: none"> ZERO - IN SV PLUS VIOLA ZERO - IN SRV
Squeegee	Square edge Squeegee hardness: from 70 to 85 Shores
Curing	UV lamps from 80 to 120 W/cm Carpet speed: 15-20 m/min Power: at least 100 mJ
Thinner	DILUENTE REATTIVO 100-900 (code A31810090000...) Max. 10%
Auxiliaries	FOTOINIZIATORE UV CONC. 100978 (code A318100978001) FOTOINIZIATORE CONC. IN PASTA (code A318100979001)
Adhesion promoter	UNIFLUTE PROMOTORE D'ADESIONE (code A31812083500) Max. 20%
Levelling agent	LIVELLANTE 90.970 (code A31890970000) Max. 2%
Cleaning	SOLVENTE LAVAGGIO LQ 90.920
Storage	If kept in a dark place, in its original sealed package, at a temperature of 20-25°C, the product has a shelf-life of about 1 year.
Package	See the PRODUCT RANGE table
Safety Data Sheet	Available upon request

GENERAL FEATURES

- Completely NVP-free
- Good flexibility
- Good cutting and punching resistance
- Excellent adhesion onto treated polyolefins

PREPARATION

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

In case that viscosity reduction is needed, it is possible to add up to 10% **DILUENTE REATTIVO 100-900**.

TECHNICAL FEATURES

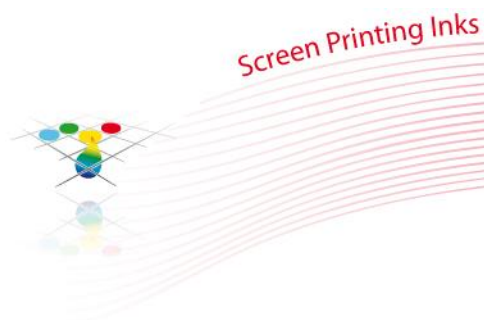
The performance of the product, printed with a 150 th/cm screen, is 70-80 m²/Kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment.

UNIFLUTE 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 an increase in ink reactivity is required, it is possible to add up to 5% **FOTOINIZIATORE UV CONCENTRATO 100978**.



PRODUCT RANGE

BLACKS and WHITES

CODE	PRODUCT	PACKAGE
A31112010100-	OPAQUE WHITE	1 Kg and 5 Kg
A311120701001	OPAQUE BLACK	1 Kg

OTHER PRODUCTS

CODE	PRODUCT	PACKAGE
A311120800001	TRANSPARENT BASE	1 Kg
A318120835001	ADHESION PROMOTER	1 Kg

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.
- When beginning printing, always check the right curing of the ink.
- In order to improve adhesion on such substrates, that are difficult to be printed, it is possible to add up to 20% **UNIFLUTE PROMOTORE DI ADESIONE** (code A318120835001).
- In order to reduce ink viscosity, it is recommended to use **DILUENTE REATTIVO 100-900** up to a maximum 10%.

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.