

Nylon 04.000

Codice K04000

PRODUCT DESCRIPTION

Solvent based ink with semi-matt finishing.

APPLICATION FIELDS

Printing on fabrics such as Nylon and Tyvek for bags and clothes and waterproofed fabrics.

APPLICATION PROCESS

Substrates	Nylon, Tyvek (TNT), water-proofed fabrics, paper for decals
Th/Cm	Max. 120 Th/Cm
Emulsion	See the product range table
Squeegee	Square edge Squeegee hardness 70-85 Shores
Drying	Tack-free at room temperature within few minutes. Air-dryer oven 100-120°C few seconds.
Thinner	A31890904 Thinner 90.904 Fast A31890924 Thinner 90.924 A31890918 Thinner 90.918 Slow
Adhesion Promoters	A31890908000 Adhesion Promoter 90.908 - 100 gr. (max.10%) A318909060005 Adhesion Promoter Flex (max.10%)
Auxiliaries / Additives	A31890970000 Levelling 90.970 Max. 2%
Cleaning	Solvent LQ 90.920 Biosolv 2000
Storage	2 years, if the ink is kept in its original sealed Package, at a temperature between 20 - 25 °C
Package	See the product range table
Safety Sheet	Data Available on request

GENERAL FEATURES

- High flexibility and elasticity
- Good outdoor and sea water resistance
- High opacity
- Quick drying
- 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 is about 30-40 m²/kg (90 th/cm screen). These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment.

Nylon 04.000 colors have an outdoor resistance (inclement weather, sunlight) up to 2 years. 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 order to prepare metal or fluorescent colors, it is possible to add pigments (code A31196000) to K04040K1 Nylon Bronze Binder, according to the following percentages:

- 10-15% Silver powder
- 20-25% Golden powder
- 20-30% Fluorescent pigment

PRODUCTS RANGE

WHITES AND BLACKS

CODE	PRODUCT	PACK
K02050K1	WHITE SMP	1 kg
K04050K1	NYLON WHITE L	1 kg
K04051K-	NYLON BLACK	1 and 5 kg

OPAQUE COLOURS

CODE	PRODUCT	PACK
K04154K1	NYLON GOLD YELLOW	1 kg
K04152K1	NYLON PRIMEROSE YELLOW	1 kg
K04250K1	NYLON ORANGE	1 kg
K04254K1	NYLON ROSSO BRILL.	1 kg
K04255K1	NYLON CICLAMEN	1 kg
K04351K1	NYLON BRIGHT GREEN	1 kg
K04452K1	NYLON ULTRAMARINE BLUE	1 kg
K04454K1	NYLON DARK BLUE	1 kg
K04901K1	NYLON FUXIA	1 kg
K04450K1	NYLON LIGHT BLUE	1 kg

OTHER PRODUCTS

CODE	PRODUCT	PACK
K04993K1	NYLON TRANSPARENT BASE	1 kg
K04040K1	NYLON BRONZE BINDER	1 kg
K04650K1	NYLON BRIGHT SILVER	1 kg
K041875K1	NYLON WELDING SILVER	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.
- In order to improve adhesion onto siliconized or waterproofed substrates, add up to 10% A31890908000 Adhesion Promoter 90.908.
- It's also possible to improve adhesion onto siliconized or waterproofed substrates through the addition of A318909060005 - Adhesion Promoter Flex (max 10%). This adhesion promoter allows to not reduce the natural flexibility of the ink and is more effective on some substrates.
- ATTENTION: Through the addition of Adhesion Promoter Flex and Adhesion Promoter 90.908 the ink has a pot-life of about 8 hours.

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 of 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.

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.