

Screen Printing Inks



TEXYLON

Code A31158000

PRODUCT DESCRIPTION

Solvent based ink with semi-glossy finishing

APPLICATION FIELDS

Printing of large weft and very absorbing dark fabrics, such as nylon and tyvek bags and clothes, and waterproofed fabrics.

This product is also indicated for the realization of sliding and dry decals.

APPLICATION PROCESS

Substrates	Nylon, tyvek, nonwoven fabric Waterproofed fabrics Paper for decals
Th/cm	From 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 15 min., or at 50°C for 1 minute
Thinner	DILUENTE 90.924 DILUENTE 90.918 LENTO
Retarder	TEXYLON 58.888 GEL RETARDER (code A31458888001) Max. 30 % 90.923 RITARDANTE INODORE (code A31890923001)
Adhesion promoter	PROMOTORE DI ADESIONE 90.908 (code A31890908000) Max. 10%
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
Security Data Sheet	Available upon request

GENERAL FEATURES

- High flexibility and elasticity
- Good outdoor and sea water resistance
- High opacity
- Quick drying
- AMC bases for the realization of more than 800 colours

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 90 th/cm screen, is about 30-40 m²/Kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment.

TEXYLON series has 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 improve flexibility and elasticity of the product, it is possible to add **PLASTICIZER 8120-V-3** up to 10%.

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.
- Use AMC COLOUR BASES instead of OPAQUE COLOURS for such applications, requiring drying into oven up to high temperatures.
- In order to improve adhesion onto such siliconized or waterproofed substrates, that are difficult to be printed, 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
A31158024001	SUPER WHITE	1 Kg
A31158030005	DECAL WHITE	5 Kg
A3115810100-	OPAQUE WHITE TOYS	1 Kg and 5 Kg
A3125810400-	G WHITE EXTRA	1 Kg and 5 Kg
A31158105005	OPTICA WHITE FOR ECALS	5 Kg
A3115870000-	BLACK TOYS	1 Kg and 5 Kg
A3115870100-	OPAQUE BLACK	1 Kg and 5 Kg
A31258710005	NERO SALDABILE	5 Kg

OPAQUE COLOURS

CODE	PRODUCT	PACKAGE
A31158200001	PRIMEROSE YELL. TOYS	1 Kg
A31158202Y001	CHROME YELLOW TOYS	1 Kg
A31158301Y001	ORANGE TOYS	1 Kg
A31158302Y001	SCARLET TOYS	1 Kg
A31158303Y001	RED TOYS	1 Kg
A31158304Y001	RUBY RED TOYS	1 Kg
A31158305Y001	CARMINE RED TOYS	1 Kg
A31158343001	PINK TOYS	1 Kg
A31158400001	LIGHT BLUE TOYS	1 Kg
A31158403001	ULTRAMARINE BLUE TOYS	1 Kg
A31158404001	BRILLIANT BLUE TOYS	1 Kg
A31158405001	DARK BLUE TOYS	1 Kg
A31158440001	VIOLET TOYS	1 Kg
A31158500001	LEAF GREEN TOYS	1 Kg
A31158541001	GREEN TOYS	1 Kg

FOUR-COLOUR PROCESS

CODE	PRODUCT	PACKAGE
A31158297001	YELLOW EUROPE TOYS	1 Kg
A31158397001	MAGENTA EUROPE TOYS	1 Kg
A31158497001	CYAN EUROPE TOYS	1 Kg
A31158797001	BLACK EUROPE TOYS	1 Kg
A31158880001	THIXOTROPIC GEL TOYS	1 Kg

AMC BASES

CODE	PRODUCT	PACKAGE
A31158100001	AMC WHITE	1 Kg
A31158P200001	AMC PRIMEROSE YELL.	1 Kg
A31158P202001	AMC CHROME YELLOW	1 Kg
A31158P301001	AMC ORANGE	1 Kg
A31158P303001	AMC RED	1 Kg
A31158P305001	AMC CERMINE RED	1 Kg
A31158P342001	AMC PINK	1 Kg
A31158P404001	AMC BLUE	1 Kg
A31158P440001	AMC VIOLET	1 Kg
A31158P500001	AMC GREEN	1 Kg
A31158P700001	AMC BLACK	1 Kg
A31158840001	MATT EXTENDER BASE	1 Kg

OTHER PRODUCTS

CODE	PRODUCT	PACKAGE
A3115980000-	TRANSPARENT BASE TOYS	1 Kg and 5Kg
A3115885000-	BRONZE BINDER TOYS	1 Kg and 5Kg
A31158124001	SILVER TOYS	1 Kg
A31158324001	PALE GOLD TOYS	1 Kg
A31158424001	RICH PALE GOLD TOYS	1 Kg
A31258910001	PLASTICIZER 8120-V-3	1 Kg

In order to prepare metal or fluorescent colours, it is possible to add pigments (code A31196000) to **TEXYLON BRONZE BINDER TOYS A3115985000-**, according to the following percentages:

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

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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.