

Texylon 58.000

Code A31158000

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.

This ink is also indicated for the realization of sliding decals (see the technical brochure).

APPLICATION PROCESS

Substrates	Nylon, Tyvek (TNT), water-proofed fabrics, paper for decals
Th/Cm	From 77 to 120 Th/Cm
Emulsion	<ul style="list-style-type: none"> • <i>Zero-In SV Plus V</i> • <i>Zero-In SR-V</i>
Squeegee	Square edge Squeegee hardness 70-75 Shores
Drying	50°C for 1 minute Tack-free at room temperature within 15 minutes
Thinner	<ul style="list-style-type: none"> • A31890904 <i>Thinner 90.904 Fast</i> • A31890924 <i>Thinner 90.924</i> • A31890918 <i>Thinner 90.918 Slow</i>
Retarder	<i>A31458888001 Texylon 58.888 Gel Retarder</i> (max. 30%)
Adhesion Promoters	<ul style="list-style-type: none"> • A31890908000 <i>Adhesion Promoter 90.908 - 100 gr.</i> (max.10%) • A318909060005 <i>Adhesion Promoter Flex</i> (max.10%)
Auxiliaries / Additives	<ul style="list-style-type: none"> • A31890970000 <i>Levelling 90.970</i> Max. 2% • A31258911001 <i>Flex Additive 58.911</i> (max. 10%)
Cleaning	<i>Solvent LQ 90.920</i>
Storage	2 years, if the ink is kept in its original sealed Package, at a temperature between 15 - 30 °C
Package	See the product range table
Safety Data Sheet	Available on 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 colors

CERTIFICATIONS



The inks of the *Texylon 58.000* series meet the requirements established by RoHS (Delegated Directive (EU) 2015/863 / EC) and by the EN71-3: 2019 - Migration of certain elements.

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.

Texylon 58.000 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 *Texylon 59.800 Transparent Base Toys* to the ink causes a substantial reduction in its light resistance.

In order to improve outdoor resistance of the sliding decals, it's possible to overprint with *A3125904500 - Texylon Overprint Solar Shield*



(glossy); this transparent can be used in mixture with the color bases in place of *Texylon 59.800 - Transparent Base Toys*.

In order to prepare metal or fluorescent colors, 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

In the case of colours containing high quantities of fluorescent powders, it is advisable to add A31258911001 *Flex Additive 58.911* in order to maintain the printability and flexibility of the product. *Flex Additive 58.911* can be added up to a maximum of 10% even in cases where you want to increase the flexibility and elasticity of the product.

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 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.
- ATTENTION: we do not recommend the use of *Adhesion Promoter 90.908* for the realization of sliding decals.

PRODUCT RANGE

BLACKS and WHITES

CODE	PRODUCT	PACK.
A31158024001	TEXYLON 58.024 SUPER WHITE	1 kg
A3115810100-	OPAQUE WHITE TOYS	1 - 5 kg
A3125810400-	G WHITE EXTRA	1 - 5 kg
A31258107SP00-	TEXYLON 58107SP OPAQUE WHITE *	1 - 5 kg
A31258108005	TEXYLON WHITE HS *	5 kg
A3115870000-	BLACK TOYS	1 - 5 Kg
A3115870100-	OPAQUE BLACK	1 - 5 kg
A31258710005	WELDING BLACK	5 kg

(*) specific products for sliding decals

FOUR-COLOUR PROCESS

CODE	PRODUCT	PACK.
A31158297001	YELLOW PROCESS TOYS	1 kg
A31158397001	MAGENTA PROCESS TOYS	1 kg
A31158497001	CYAN PROCESS TOYS	1 kg
A31158797001	BLACK PROCESS TOYS	1 kg
A31158880001	THIXOTROPIC GEL TOYS	1 kg

OPAQUE COLOURS

CODE	PRODUCT	PACK.
A31158200001	PRIMEROSE YELL. TOYS	1 kg
A31158202Y001	CHROME YELLOW TOYS	1 kg
A31158301Y001	ORANGE TOYS	1 kg
A31158302Y001	RED 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



AMC BASES

CODE	PRODUCT	PACK.
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 CARMINE 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 PRODUCT

CODE	PRODUCT	PACK.
A3115980000-	TRANSPARENT BASE TOYS	1 and 5 kg
A3115985000-	BRONZE BINDER TOYS	1 and 5 kg
A3125904500-	TEXYLON OVERPRINT SOLAR SHIELD	1 e 5 kg
A31258810005	TEXYLON TRANSPARENT SATIN	5 kg
A31158124001	SILVER TOYS	1 kg
A31158324001	PALE GOLD TOYS	1 kg
A31158424001	RICH PALE GOLD TOYS	1 kg
A31258911001	FLEX ADDITIVE 58911	1 kg

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.