

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, POLYURETHANE COATED
Th/Cm	From 77 to 120 Th/Cm
Emulsion	See the product range table
Squeegee	Square edge. Squeegee hardness 70-75 Shores
Drying	50°C for 1 minute Tack-free at room temperature within 15 minutes
Thinners	A31890904 Thinner 90.904 Fast A31890924 Thinner 90.924 Medium A31890918 Thinner 90.918 Slow
Adhesion Promoter	A31890908000 Adhesion Promoter 90.908 - 100 gr. (max.10%) A3189090600005 Adhesion Promoter Flex (max.10%)
Auxiliaries/ Additives	A31890970000 Levelling 90.970 (max. 2%). A31258911001 Flex Additive 58.911 (max. 10%).
Cleaning	Solvent LQ 90.920
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 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 colors

CERTIFICATION



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 transparent bases 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 pigments

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.

PRODUCTS RANGE

WHITES AND BLACKS

CODE	PRODUCT	PACK
A31158024001	TEXYLON 58.024 SUPER WHITE	1 kg
A3115810100-	OPAQUE WHITE TOYS	1 e 5 kg
A31258107SP005	TEXYLON 58107SP OPAQUE WHITE (*)	5 kg
A31258108005	TEXYLON WHITE HS (*)	5 kg
A31258114005	TEXYLON WHITE MF (*)	5 kg
A3115870000-	BLACK TOYS	1 e 5 kg
A3115870100-	OPAQUE BLACK	1 e 5 kg

(*) specific products for sliding decals

AMC BASES

CODE	PRODUCT	PACK
A31158100001	AMC WHITE	1 kg
A31158P200001	AMC PRIMROSE YELLOW	1 kg
A31158P202001	AMC CHROME YELLOW	1 kg
A31158P301001	AMC ORANGE	1 kg
A31158P303001	AMC RED	1 kg
A31158P305001	AMC CARMINE	1 kg
A31158P342001	AMC PINCK	1 kg
A31158P404001	AMC BLUE	1 kg
A31158P440001	AMC VIOLET	1 kg
A31158P500001	AMC GREEN	1 kg
A31158P700001	AMC BLACK	1 kg

FOUR COLOUR PROCESS

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

OPAQUE COLOURS

CODE	PRODUCT	PACK
A31158200001	PRIMROSE YELLOW 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	PINCK TOYS	1 kg
A31158400001	SKY 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	OPAQUE GREEN TOYS	1 kg

OTHER PRODUCTS

CODE	PRODUCT	PACK
A3115980000-	TRASPARENT BASE TOYS	1 e 5 kg
A3115985000-	BRONZE BINDER TOYS	1 e 5 kg
A3125904500-	TEXYLON OVERPRINT SOLAR SHIELD	1 e 5 kg
A31158840001	TEXYLON 58.840 MATT EXTENDER BASE	1 kg
A31158124001	SILVER TOYS	1 kg
A31158324001	PALE GOLD TOYS	1 kg
A31158424001	RICH PALE GOLD TOYS	1 kg
A31259018001	AG 219 CHROME	1 kg
A31159865001	TEXYLON STICK 59.865 (**)	1 Kg
A31259803001	REFLECTIVE BASE	1 kg
A31258911001	FLEX ADDITIVE 58911	1 kg

(**) dedicated technical data sheet

SPECIAL RECOMMENDATIONS

- 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 4-8 hours.
- ATTENTION: We do not recommend the use of Adhesion Promoters 90.908 and 90.906 for the production of sliding decals.

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.