

Texylon 59.000

Code A31159000

PRODUCT DESCRIPTION

Inchiostro poliuretano a base solvente con finitura lucida. Polyurethane solvent based ink with glossy finishing.

APPLICATION FIELDS

Printing of 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

Substrate	NYLON, TYVEK (TNT), WATERPROOFED FABRICS, POLYURETHANE COATED, PAPER FOR DECALS
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 - 1 minute; Room temperature – tack free in 30 min.
Thinners	A31890904 Thinner 90.904 Rapid A31890924 Thinner 90.924 Normal A31890918 Thinner 90.918 Slow
Adhesion promoters	<ul style="list-style-type: none"> A31890908000 Adhesion promoter 90.908 – 100g (max. 10%) A318909060005 Adhesion Promoter Flex (max.10%)
Auxiliaries/ Additives	A31258911001 Flex Additive 58.911 (max. 10%)
Cleaning	Solvent LQ 90.920
Storage	If kept in its original sealed package, the product has a shelflife of 1 year.
Packaging	See the product range table
Safety data sheet	Available upon request

GENERAL FEATURES

- Glossy finishing
- High flexibility and elasticity
- Good outdoor and sea water resistances
- Colormatic bases for color matching of more than 1.700 references.

CERTIFICATIONS



The inks of the Texylon 59000 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, the ink must be well mixed and, in case, diluted according to the 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 59.000 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, 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 obtain a better opacity in the realization of the colors with the Colormatic bases, it's possible to use the transparent A3115884000

Texylon 58.840 Matt Extender Base instead of the Texylon 59.800 Transparent Base Toys.

In order to prepare metal or fluorescent colors, it is possible to add pigments of the A31196000 Series to A3115985000- Texylon Bronze Binder Toys, according to the following percentages:

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

In the case of colors containing high quantities of fluorescent powders, it is advisable to add A31258911001 - Flex Additive 58911 to maintain the printability and the flexibility of the ink.

Flexibility and elasticity of the product can be improved by the addition of A31258911001 Flex Additive 58911 up to 10%.

SPECIAL RECOMMENDATIONS

- Always test the features of the product before to proceed to production.
- The information presented are the result of past experiences and knowledge they do not represent warranty or insurance.
- To improve adhesion on critical substrates, add up to 10% Adhesion Promoter 90.908. With the addition of this promoter, the ink has a pot-life of about 4-8 hours.
- It's also possible to improve adhesion onto sili-conized 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 Promoters 90.908 and 90.906 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.

PRODUCT RANGE

BLACKS AND WHITES

CODE	PRODUCT	PACK
A31159100Y001	TEXYLON 59100Y WHITE L	1 kg
A31159700Y001	TEXYLON 59700Y BLACK M	1 kg

COLORMATIC BASES

CODE	PRODUCT	PACK
A31159P200Y001	TEXYLON 59P200Y LEMON YELLOW A	1 kg
A31159P201Y001	TEXYLON 59P201Y MEDIUM YELLOW AB	1 kg
A31159P202Y001	TEXYLON 59P202Y GOLD YELLOW B	1 kg
A31159P301Y001	TEXYLON 59P301Y ORANGE C	1 kg
A31159P303Y001	TEXYLON 59P303Y RED D	1 kg
A31159P305Y001	TEXYLON 59P305Y CARMINE E	1 kg
A31159P342Y001	TEXYLON 59P342Y PINK F	1 kg
A31159P440Y001	TEXYLON 59P440 BRILLIANT VIOLET G	1 kg
A31159P404Y001	TEXYLON 59P404Y BRILLIANT BLUE H	1 kg
A31159P500Y001	TEXYLON 59P500Y GREEN K	1 kg

OTHER PRODUCTS

CODE	PRODUCT	PACK
A3115980000-	TEXYLON 59800 TRANSPARENT BASE TOYS	1 e 5 kg
A3125904500-	TEXYLON OVERPRINT SOLAR SHIELD	1 e 5 kg
A31158840001	TEXYLON 58.840 MATT EXTENDER BASE	1 kg
A3115985000-	TEXYLON 59850 BRONZE BINDER TOYS	1 e 5 kg
A31259018001	AG 219 CHROME	1 kg
A31159865001	TEXYLON STICK (*)	1 Kg

(*) dedicated technical data sheet

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.