

Carbogloss

Code A31126000

PRODUCT DESCRIPTION

Solvent based vinyl ink with glossy finishing

APPLICATION FIELDS

This product is particularly indicated for printing of membrane keyboards, stickers and PC and PET-G plates for the creation of bike helmets. This product is extremely versatile and multipurpose.

APPLICATION PROCESS

Substrate	Paper, paperboard, PVC, PES, PC, PET, PET-G
Th/Cm	77 to 140
Emulsion	<ul style="list-style-type: none"> • Zero - In SV Plus V • Zero - In SR-V
Squeegee	Square edge Squeegee hardness: 70-75 Shores
Drying	Tack-free is reached at room temperature within 20 min., or at 50-60°C for a few minutes
Thinner	<ul style="list-style-type: none"> • Diluente 90.913 Normale Inodore • Diluente 90.924 Medium • Diluente 90.918 Lento
Retarder	Tixo-Vinyl Retarder 8159-V-9 (code A3149088800...) max. 30% 90.923 Ritardante Inodore (code A31890923001) max. 5%
Adhesion promoter	Adhesion promoter 90.908 (codice 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
Safety data sheets	Available upon request

GENERAL FEATURES

- Excellent stability in the screen
- Excellent alcohol resistance
- Die cutting resistant and embossing resistant
- Thermoformable
- Heavy metal free

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 120 th/cm screen, is 50-60 m²/Kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment.

Carbogloss series has an outdoor resistance (inclement weather, sunlight) up to 3 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.

PRODUCT RANGE

BLACKS AND WHITES

CODE	PRODUCT	PACK.
A31126100001	WHITE TOYS	1 - 5 kg
A3112610100-	OPAQUE WHITE TOYS*	1 - 5 kg
A3112610200-	BACKGROUND WHITE TOYS	1-5Kg
A31126100Y001	WHITE L	1 kg
A31126700001	BLACK TOYS	1 - 5 kg
A31126701001	OPAQUE BLACK TOYS	1 kg
A31126700Y001	BLACK M	1 kg

FOUR COLOUR PROCESS

CODE	PRODUCT	PACK.
A31126297001	YELLOW EUROPE TOYS	1 kg
A31126397001	MAGENTA EUROPE TOYS	1 kg
A31126497001	CYAN EUROPE TOYS	1 kg
A31126797001	BLACK EUROPE TOYS	1 kg
A31126880001	THIXOTROPIC GEL TOYS	1 kg

COLORMATIC BASES

CODE	PRODUCT	PACK.
A31126P200Y001	LEMON YELLOW A	1 kg
A31126P201Y001	MEDIUM YELLOW AB	1 kg
A31126P202Y001	GOLDEN YELLOW B	1 kg
A31126P301Y001	ORANGE C	1 kg
A31126P303Y001	RED D	1 kg
A31126P305Y001	CARMINE E	1 kg
A31126P342Y001	PINK F	1 kg
A31126P404Y001	BRIGHT BLUE H	1 kg
A31126P440Y001	BRIGHT VIOLET G	1 kg
A31126P500Y001	GREEN K	1 kg

OPAQUE COLOURS

CODE	PRODUCT	PACK.
A31126200001	PRIMROSE YELLOW TOYS	
A31126202001	CHROME YELLOW TOYS	
A31126301001	ORANGE TOYS	
A31126302001	SCARLET TOYS	
A31126303NF001	REDTOYS	
A31126304001	RUBY TOYS	
A31126401001	COBALT BLUE TOYS	
A31126403001	ULTRAMARINE BLUE TOYS	
A31126404001	BRIGHT BLUE TOYS	
A31126541001	OPAQUE GREEN TOYS	

TRANSPARENT COLOURS

CODE	PRODUCT	PACK.
A31126227001	YELLOW TRASP. TOYS	1 kg
A31126326001	RED TRASP. TOYS	1 kg
A31126327001	MAGENTA TRASP. TOYS	1 kg
A31126332001	SCARLET TRASP. TOYS	1 kg
A31126426001	BRIGHT BLUE. TRASP. TOYS	1 kg
A31126427001	ULTRAMARINE BLUE. TRASP. TOYS	1 kg
A31126527001	GREEN TRASP. TOYS	1 kg

OTHER PRODUCTS

CODE	PRODUCT	PACK.
A31126800001	TRANSPARENT BASE TOYS	1 kg
A31126850001	LEGANTE PER BRONZI TOYS	1 kg
A31126125001	ARGENTO NO LEAFING **	1 kg

* Not thermoformable

** Frame 77-120 Th/cm



In order to prepare metal or fluorescent colours, it is possible to add pigments (code A31196000) to **Carbogloss Bronze Binder Toys** A31126850001 according to the following percentages:

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

SPECIAL RECOMMENDATION

- Always test the features of the product before proceeding 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 8 hours.
- When printing solvent-sensitive substrates, such as PC, it is recommended to use hot-air ovens and the **Odorless 90.913 Normal Thinner**.
- It is not recommended to use **Thinners 90.917** and **90.927** as they do not comply with Toys.

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.