

Series

CA

Type: solvent

Printing process: screen printing

Ink type: one-component

Finish: satin

Materials: Cardboard, Coated paper, Paper

Also suitable for melamine paper

Main features:

- . Good printability
- . Quick in drying
- . Satin finish, velvet appearance
- . Good solidity to alcohol
- . Good flexibility

Certifications: CLP/GHS (EC 1272/2008), Conflict minerals free, EN 71-3, Reach (EC 1907/2006), RoHS

The EN 71:3 Directive is valid for standard shades of one component inks, two component inks, Ink system and Process colors, HD shades and for all not standard shades which do not contain metallic shades, metallic pastes or fluorescent pigments or inks.

In order to clarify any doubt on not standard shades, it is always recommended to provide us a specific request.

Eco-sustainability (free of): Alogens, Animal origin ingredients, Azo dyes, Bisphenol A (BPA), Cyclohexanone, Formaldehyde, G-B Ester, Latex, Melamine, PAH, Persistent organic pollutants, Phthalates (listed in RoHS directive)

Note: shades in the fluorescent color chart contain formaldehyde.

Note: inks are formulated without aromatics naphthas, potential IPA contaminations are minimal.

Outdoor resistance (years): 1

Not suitable for long outdoor applications.(2-3 years)

The pigments used have a solidity from 6 to 7 DIN.

In case of mixing with the transparent bases 70 TR or TP, or with the white 160 or 60 BN, the light fastness and atmospheric agents decrease.

If you want to increase the outdoor solidity, it's recommended to add the 5-7% of UV adsorber to the ink.

Drying process: 10 minutes at room temperature

CA series dries physically by evaporation of solvents.

Drying times depend on various factors:

- . thickness of printed ink layer (single print, multi-layer print).
- . type and amount of thinners/retarders used.
- . type of oven
- . drying temperature
- . type of material in which the ink is printed.

Ink dries physically by evaporation of solvents:

- . 10-15 minutes at room temperature (depending on local conditions)
 - . 20-30 sec at 50°C in an air circulation oven.
-

Series

CA

(The test performed in our laboratory was carried out under the following conditions: speed 8 mt/min, 120.34 screen printing mesh, medium thinner PK-DM 15%, air circulation oven).

Mechanical and chemical solidity:

Alcohol	
Surface hardness (Abrasion)	
Water	

Colours range: EXTRA - M, FLUORESCENTI, HD, INK SYSTEM, QUADRICROMIA

110	111	115	120	121	122	124	130	133	136
140	141	151	160	165	104	104 BIS	105	106	107
108	160 HD	10 GL	11 GS	12 AR	21 RS	22 RC	25 MG	27 VT	32 BL
40 VR	60 BN	65 NR	70 TR	1080	1081	1082	1083	TP	

Please refer to the Matt, Metallic, Fluorescent and Ink System ink color charts.
 The Ink System are 12 colour shades for mixing of RAL, PMS and HKS colours.

The metallic shades are available only by mixing the relative pastes with the Transparent Base CA 70 TR.

Gold paste 75 10-20%

Gold paste 76 10-20%

Gold paste 77 10-20%

Bronze paste 78 10-20%

Silver paste 79-050 10-15%

The metallised pastes composed with the relative transparent base
 CA 70 TR, due to their particular composition, can oxidize.

The pot-life of the compounded METALLIC PASTES is about 8 working hours.

In the Ink System color chart are present the shades:

1080 yellow, 1081 magenta, 1082 blue, 1083 black, TP paste (CMYK), necessary for making four-color prints.

Auxiliaries and additives:

XL-DM medium thinner	15%	
VH slow thinner	15%	
VS fast thinner	15%	
Retarder paste	10%	max
M 2000/S levelling agent	0,5%	
Universal antifoam agent	0,5%	
Antisilicone/s	0,5%	
NPT matting powder	2%	6% max

Ink removal:

DACS solvent

Lavaggio telai solvent

Aprimaglia Spray

STORAGE:

Series

CA

Please keep the cans in a dark place, at temperature of 15-25°C.

If the recommended temperature is higher than the suggested one or the cans are not completely closed, the shelf life and the qualities are drastically reduced.

CLASSIFICATION:

Before using this ink, consult the relevant safety data sheets available.

The safety data sheets provided comply with the REACH regulation (EC 1907/2006).

The hazard classification and related labelling are compliant with the CLP / GHS regulation (EC 1272/2008).

OTHER INFORMATION:

For more information on SERICOM ITALIA srl products, refer to the website www.sericom.it

NOTE:

Our technical consultancy activity, carried out orally, in writing or through tests or experiments, takes place on the basis of our best knowledge.

However, the same must be considered as information without any binding value, also as regards any third party industrial property rights.

This does not exempt the customer from performing his own checks on the products supplied by us in order to estimate the suitability or otherwise of the procedures and for the purposes intended.

The application, use and transformation of the products take place outside our control possibilities and therefore fall under the exclusive responsibility of the customer.