

Series

CP

Type: solvent

Printing process: screen printing

Ink type: one-component

Finish: glossy

Materials: ABS, Coated paper, Paper, Polycarbonate, Polymethacrylate (PMMA), Polystyrene, rigid PVC, Self-adhesive PVC

Main features:

Fast drying, glossy finish, medium opacity.

Thermoformable.

Termoforming test with vacuum forming machine, was made at the temperature of 180°C for 360-400 seconds, over a plate of PMMA with a thickness of 2 mm.

Preliminary tests are necessary according to the kind of thermoforming technique, thickness and temperature.

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), Formaldehyde, Latex, Melamine, Persistent organic pollutants, Phthalates (listed in RoHS directive)

Note: shades in the fluorescent color chart contain formaldehyde.

Note: all our inks are formulated with non carcinogenic aromatic naphthas as the benzene content is below than 0.1% by weight.

IPA contamination are also possibile but always below the limit of 1000 ppm.

Outdoor resistance (years): 5

The pigments solidity rate is between 6 and 8 DIN on the WOOL scale.

This ink is recommended for outdoor exposure.

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: 15 minutes at room temperature

15-20 minutes at room temperature.

5 minutes in furnace (50°C).

Mechanical and chemical solidity:

Alcohol	
Gasoline	(60-70 passes with 1 Kg of weight)
Mechanical stress (Impacts)	
Surface hardness (Abrasion)	(hardness 3H)

Series

CP

To increase the elasticity add plasticizer PLASTOL in ratio of 5%. Higher ratio might cause low resistance to abrasion or sticking when piling the printed materials.

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

110	111	115	120	121	122	124	130	132	133
136	140	141	151	160	165	CP 170 MT	165 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	RITARDANTE GEL EFOR 223				

Please refer to the Glossy, 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 CP 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 metallic pastes composed with the relative transparent base CP 70 TR, due to their particular composition, can oxidize.

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

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	0,8%	
Universal antifoam agent	0,2%	
Antisilicone/s	1,5%	
Antistatic/s	1,5%	
UV Adsorber	8%	
NPT matting powder	2%	6% max

Ink removal:

DACS solvent

Lavaggio telai solvent

Aprimaglia Spray

STORAGE:

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.

Series

CP

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.