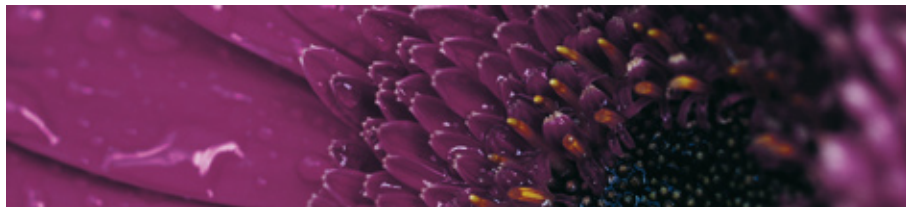




PRODUCT GROUP 500

Series 584-09x3/ISO

Universal UV Process Ink according to ISO 12647-2



Series 584-09xx/ISO is a highly reactive, flexible, odor-neutral and silky-mat UV-process ink, which can be widely used for decorative and functional printing of plastics, papers, card board and coated metals. Despite of its high reactivity, Series 584-09xx/ISO is very flexible and shows excellent resistance against various media, such as organic solvents, water, alcohol, acids and alkaline. To keep the balance between flexibility and durability, this system requires a certain after-curing. This means, a good adhesion is partially only be achieved after 24-48 hours. On suitable substrates, a good outdoor resistance of at least 24 months is guaranteed.

Following settings as per the international ISO Standard 12647-2, are offered:

- Series 584-0953/ISO Process cyan
- Series 584-0973/ISO Process yellow
- Series 584-0963/ISO Process magenta
- Series 584-0983/ISO Process black

Depending on the "printing conditions" (substrates, choice of mesh and mesh coating, squeegee and printing parameters) the color shades could differ from the norm. To correctly set them, following products are available: Series 584-04/ISO (transparent binder) and Series 584-09x3-ISO/KONZ (pigment paste).

Target densities :Cyan 1.55 | Magenta 1.45 | Yellow 1.35 | Black 1.75



SUBSTRATES

Soft- / rigid – PVC	Pre-treated Polyester / PP *)	Paper, cardboards
PS **)	Coated metals	



USE

Application	Decorative and functional screen printing
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PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	150-31 Y PW PET 1000
Drying / Curing	150 – 250 mJ/cm ² (Technigraf Integrator)
Further Processing	Punching, cutting and embossing



ADDITIVES

Thinner	Press-ready	Addition ratio	-
Retarder	Press-ready	Addition ratio	-



VARIOUS

Delivery Conditions	1 kg / 5 kg / 20 kg
Other	*) Adhesion can be increased by addition of 1% of Series 500-PP **) because of the many different qualities, pre-tests are recommended

Disclaimer

Please thoroughly read the Material Safety Data Sheet (MSDS) prior to processing. The Material safety Data Sheets according to 91/155/EWG form, contain indications of hazardous ingredients. Exposure levels and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to the processing as described within this technical leaflet. Above data are based on laboratory tests and field experience. All therein contained statements are to the best of our knowledge without any obligation from our side and do not discharge from testing the product by yourself. In doubtful cases, you are kindly requested to either perform your own tests or refer to our technical staff. Application use and processing of the delivered products are beyond our control and are therefore at your own risk. In case of any damage or loss of data, Printcolor is not liable. In case of any justified complaints, Printcolor can only be made liable for the counterpart of the utilized ink system. Add and liberates Printcolor of any later calls; especially in cases when damages occurred and which have been caused by the ink system. (07/2009)



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