



PRODUCT GROUP 300

Series 320-09X0/ISO-NF

Process Ink according ISO 12647-2



Silky glossy process ink, based on extremely durable raw materials for printing of various plastics on flatbed printing machines. Next to the favorable properties of the full color inks, the process color inks persuades by an excellent screen stability and openness with perfect re-solubility property. This way, an excellent reproducibility is possible – even with highly resolution motives. Outdoor use is surely possible up to 24 months (onto suitable substrates), but normally much longer. Should higher requirements being asked for, overprinting with Series 386-5700 is possible and recommended.

Of these process inks, following settings are being offered after the **international standard ISO 12647-2**:

- Series 320-0950/ISO-NF, Process-Cyan
- Series 320-0960/ISO-NF, Process-Magenta
- Series 320-0970/ISO-NF, Process-Yellow
- Series 320-0980/ISO-NF, Process-Black

Depending on printing conditions (substrate, choice of mesh and emulsion, squeegee and printing parameters), the color shades may vary from the norm. To set those, following products are available:

- Series 320-04/ISO-NF, Process paste
- Series 320-09x0-ISO/KONZ, Universal ink concentrate

Target densities: Cyan 1.55 | Magenta 1.50 | Yellow 1.40 | Black 1.70 (mesh: 180-27 Y PW PET 1000)



SUBSTRATES

Soft- / rigid-PVC	Polyester coated	Paper, paperboards, cardboards	Polyolefin foils coated or pre-treated
Coatings	Cellulose-acetate, CAB	Polystyrene, ABS, SAN	



USE

Application	Plastics in the field of advertising material and displays Label- and sticker printing, paper- and paperboard finishing Industrial and graphical applications for indoor- as well as for outdoor use
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PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	180-27 Y PW PET 1000
Drying / Curing	Jet / Air
Further Processing	Punching, cutting, embossing



ADDITIVES

Thinner	Series 300-017/ISO	Addition Ratio	5-15 % by weight
Retarder	Series 300-018/ISO	Addition Ratio	5-15 % by weight



VARIOUS

Delivery Conditions	1kg / 5kg / 25kg
Other	Stir well before use



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 and responsibility. Printcolor is thus free from any guarantees or liabilities. In cases of justified complaints, Printcolor can only be made liable for the counterpart of the utilized ink system. Adding not stated products or foreign / competitors products, is solely at your own risk and liberates Printcolor of any later calls; especially in cases when damages occurred and which have been caused through use of products of foreign type. This leaflet replaces all former issues. (11/2009)