



PRODUCT GROUP 500

Series 565-100/326 UV-Iron Ink for Magnets



This special screen printing ink allows printing of whole surface or partial iron layers on an extremely wide range of non-ferrous-magnetic substrates; especially on plastics. The so created coatings guarantee a permanent and long-term attaching of common magnets. Essential for a proper functionality is the application of a sufficiently thick iron layer, so that a coarse mesh and eventually a multi-layered ink structure is necessary and important. Typical applications are decorative pin boards, but also use as technical and functional coatings are possible.

The layers can be colored either with the Printcolor MS-Basic colors of Series 565 or they can be overprinted with this color setting, so that the functional coating will be hidden underneath a decor.



SUBSTRATES

Soft-PVC / Rigid-PVC	PS	Paper, paperboards, cardboards
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USE

Application	Pin boards, partial or selectively iron coatings for decorative items and magnetic functionality
	Primarily indoor use



PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	21-120 W PW PET 1000 up to 43-80 Y PW PET 1000 (multilayer)
Drying / Curing	800 – 1000 mJ/cm ² (Technigraf Integrator)
Further Processing	Overprinting (Series 560 and/or Series 565)



ADDITIVES

Thinner	Press-ready	Addition Ratio	-
Retarder	Press-ready	Addition Ratio	-



VARIOUS

Delivery Conditions	1 kg / 5 kg / 20 kg
Other	Stir well before use (may tend to sedimentation!); protect from direct light



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. (06/2009)