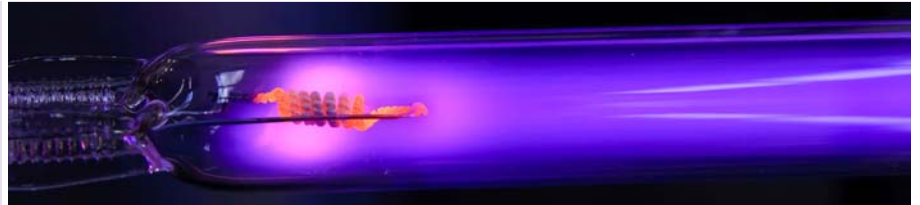


PRODUCT GROUP 500

Series 590-05/PAPER

UV screen printing varnish for absorptive paper



Highly glossy UV-screen printing varnish for partial and full area print finishing of absorbent, uncoated papers.

This screen printing varnish convinces by its excellent leveling properties which results in a closed surface on absorbent papers. With partial printing, even reliefs can be realized.

By use of additives and hardeners out of Printcolor's product group 500, adhesion can be expanded also onto many more types of paper. By adding of hardeners, even coated papers can be printed. The choice of the correct hardeners (500-GL or 500-HV) depends on the substrate's surface and pre-tests are mandatory.

To avoid blocking, the varnish must properly be cured. We furthermore recommend keeping the prints in small stacks.



SUBSTRATES

Paper	Paperboards	Cardboards	
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USE

Application	Partial and full area print finishing of absorptive paper
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PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	120.34 to 77.55
Drying / Curing	250-350 mJ/cm ²
Further Processing	Punching, cutting

ADDITIVES

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

Printing of coated paper

Hardener	500-GL or 500-HV	Addition ratio	Depends on surface*
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* The choice of hardener depends on the substrate's surface. Pre-tests are mandatory.

VARIOUS

Delivery Conditions	1 kg / 5 kg / 20 kg / 200 kg
Other	Protect against sun light or familiar light sources!

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. (04/2014)