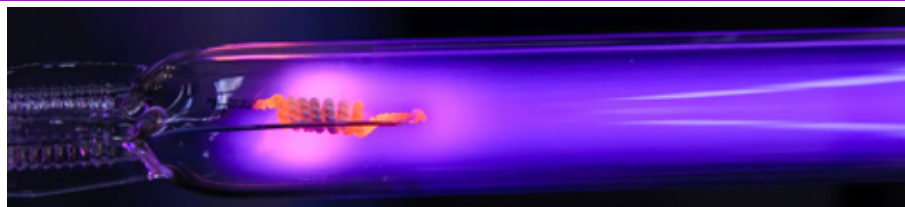




## PRODUCT GROUP 500

### Series 567

#### Multi purpose UV-Screen Printing Ink



Highly glossy UV-screen printing ink of medium viscosity for functional and decorative printing onto various plastics and coatings.

A special features of the Series 567 is its high reactivity at minimum shrink, (no edge rolling effect or tendency on PVC-self-adhesive foils). The excellent flexibility of the cured ink film allows easy further processing like punching, cutting or grooving. On account of a good surface hardening, double side printing can be done easily and without any problems.

The chemical resistances against petrol, various detergents and cleaners as well as against alcohol and water are excellent. Principally, the raw material composition of Series 567 would also be suitable for a long term outdoor use; however, the Series 567 is pigmented for indoor applications as well as for a medium term outdoor use (2-3 years). The MS-basic colors as well as process colors (following EN ISO 12647-2), overprint varnish, bronze binder, opaque white and opaque black (see separate data sheets) are now available. The process colors are offered in a silky mat version (not highly glossy).

Since the ink Series 567 is a brand-new system, not all applications can already be defined so far. Proofed applications however are printing of foils and display materials in the graphic application field. Furthermore, good results have already been achieved in label printing, printing of tubes and plastic cylinders and these applications are now being followed further.



DIGITAL



FLEXO



FUNCTIONAL COATINGS



PAD



PREPRESS

#### SUBSTRATES

Rigid-PVC	PVC-self adhesive foils	Polystyrene	Polyester, primered
Polyolefin foils, coated or pre-treated	OPP-Laminate	PET-G, PET-GAG, PET-A	Polycarbonate
Paper, paperboard, card-board	PMMA (pre-tests necessary)		

#### USE

<b>Application</b>	Indoor as well as medium term outdoor applications (2-3 years) on suitable plastics, coatings, paper as well as cardboards
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#### PROPERTIES, PROCESSING, DRYING AND MESH

<b>Mesh</b>	150-31 Y PW PET 1000 up to 180-27 Y PW PET 100, depending on opacity
<b>Drying / Curing</b>	300 mJ/cm <sup>2</sup> (Technigraf Integrator)
<b>Further Processing</b>	Punching, cutting, folding

#### ADDITIVES

<b>Thinner</b>	Series 500-017	<b>Addition Ratio</b>	3-5 % by weight
<b>Hardener/Bonder</b>	Series 500-GL	<b>Addition Ratio</b>	5-10 % by weight
<b>Reactive Additive</b>	Series 500-036	<b>Addition Ratio</b>	3-5 % by weight
<b>Rheology Paste</b>	Series 500-037	<b>Addition Ratio</b>	3-5 % by weight



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**VARIOUS**

<b>Delivery Conditions</b>	1 kg / 5 kg / 20 kg
<b>Other</b>	Sir well before use; protect from direct light.  For printing onto difficult substrates or if higher chemical resistances are required, addition of bonding agent Series 500-GL could be useful.

**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. (01/2010)