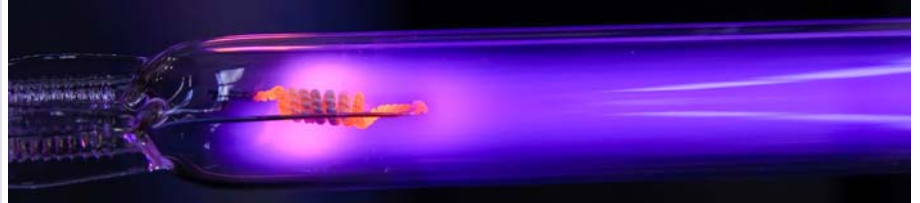


PRODUCT GROUP 500

**Series 560-ULxx/05**  
UV-Luminescent Inks



UV-luminescence describes the shining of materials which have been illuminated with waves of another frequency, others than daylight (mainly ultraviolet or so called black light, 365 nm). In general, luminescence is the phenomenon with which a material absorbs one form of energy and reflects it in form of electromagnetic energy. Electromagnetic energy which is reflected from luminescent materials lies mainly in the color spectrum of visible light and appears to us as a "bright, colored shining light".

On basis of Series 560, 5 different color settings with UV-luminescent activity for graphical and technical use are provided:

Series 560-UL09/05	UV-luminescent ink, yellow	Series 560-UL12/05	UV-luminescent ink, orange
Series 560-UL16/05	UV-luminescent ink, red	Series 560-UL26/05	UV-luminescent ink, blue
Series 560-UL30/05	UV-luminescent ink, green		



**SUBSTRATES**

PVC-Self adhesive foils	Rigid-PVC	Pretreated Polyester	PET-G, PET-GAG
OPP-laminates, paper, paperboards, cardboards	Polystyrene, ABS	Polyolefin, coated or pretreated	Polycarbonate PMMA (pre-testing)



**USE**

<b>Application</b>	Graphical screen printing, acquisition and advertising printings („disco-active“) functional coatings, detectable labeling
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**PROPERTIES, PROCESSING, DRYING AND MESH**

<b>Mesh</b>	77-55 Y PW PET 1000
<b>Drying / Curing</b>	300-350 mJ/cm <sup>2</sup> (Technigraf Integrator)
<b>Further Processing</b>	Punching, cutting, embossing



**ADDITIVES**

<b>Thinner</b>	Press-ready	<b>Addition Ratio</b>	-
<b>Retarder</b>	Press-ready	<b>Addition Ratio</b>	-



**VARIOUS**

<b>Delivery Conditions</b>	1 kg / 5 kg / 20 kg
<b>Other</b>	Stir well before use; 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. (01/2009)