



## PRODUCT GROUP 300

### Series 388-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 "cold shining light". In reality, there are transparent, clear layers which show a significant color change when illuminated with UV-A light (especially 365 nm).

Following articles are available:

Series 388-UL09/05	UV-luminescent ink, yellow	Series 388-UL12/05	UV-luminescent ink, orange
Series 388-UL16/05	UV-luminescent ink, red	Series 388-UL26/05	UV-luminescent ink, blue
Series 388-UL30/05	UV-luminescent ink, green		



#### SUBSTRATES

Soft- / Rigid-PVC	Polyester coated	Paper, paperboards, cardboards	Polycarbonate
Coatings	Polystyrene, ABS, SAN	Cellulose-Acetate-Butyrate, CAB	



#### USE

<b>Application</b>	Graphical screen printing, advertising materials („disco-active“), functional coatings, safety-codes
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#### PROPERTIES, PROCESSING, DRYING AND MESH

<b>Mesh</b>	77-55 Y PW PET 1000
<b>Drying / Curing</b>	Jet / Air
<b>Further Processing</b>	Punching, cutting, embossing



#### ADDITIVES

<b>Thinner</b>	Series 300-017	<b>Addition Ratio</b>	10-15 % by weight
<b>Retarder</b>	Series 300-018	<b>Addition Ratio</b>	10-15% by weight



#### VARIOUS

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



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#### 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)