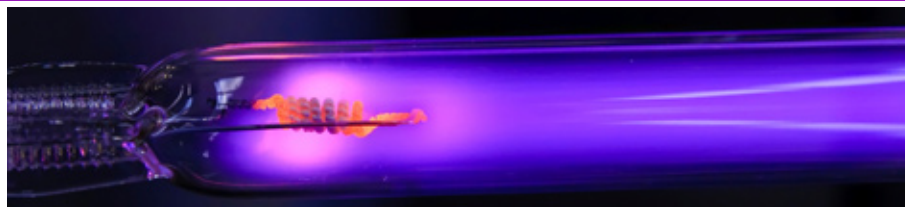


PRODUCT GROUP 500

Series 560

Multi purpose UV-Screen Printing Ink



Silky glossy UV-Screen printing ink of medium viscosity, based on resistant basic raw materials for decorative and functional printing of various plastics and papers. Printcolor's Series 560 has specially been designed for UV-curing systems with low or reduced UV-energy capacity. Despite its highly reactive settings, process- as well as spot colors of Series 560, show an excellent flexibility at lowest possible embrittlement of the substrates. Because of low shrinking effect of Series 560, the unwanted edge scrolling effect of the self adhesive foils is completely avoided. For long term outdoor use (3 years and more), we would recommend over-lacquering with Series 560-5700 or Series 575-016, both UV-Protection varnishes.



SUBSTRATES

| | | |
|----------------------------------|---|-----------------------|
| Rigid-PVC | PVC-Self adhesive foil | Polystyrene, ABS, SAN |
| Polyester, primered | Polyolefin foils, coated or pre-treated | PET-G, PET-GAG |
| Polycarbonate, PMMA (pre-tested) | Paper, paperboards, cardboards | |



USE

| | |
|--------------------|--|
| Application | Applications for indoor use and for medium term outdoor use (2-3 years) on suitable plastics, coatings, papers as well as cardboards |
|--------------------|--|



PROPERTIES, PROCESSING, DRYING AND MESH

| | |
|---------------------------|--|
| Mesh | 77-55 Y PW PET 1000 up to 165-27 Y PW PET 1000 |
| Drying / Curing | 350-400 mJ/cm ² (Technigraf Integrator) |
| Further Processing | Punching, cutting, folding |



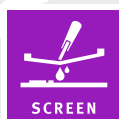
ADDITIVES

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



VARIOUS

| | |
|----------------------------|---|
| Delivery Conditions | 1 kg / 5 kg / 20 kg |
| Other | Stir well before use; protect from direct light. Should modifications in regards to specific requirements be necessary, Printcolor offers the user an appropriate UV thinner (Series 500-017) or highly concentrated initiator-cocktails (Series 500-019 for white color shades and Series 500-020 for colored shades [chromatics]). |



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. (03/2009)