

PRODUCT GROUP 300

Series 388

Solvent Based Multi Purpose
Screen Printing Ink



Highly opaque, glossy screen printing ink based on extremely resistant raw materials, suitable for printing onto various plastics and coatings. Almost universal utilizable high quality system with good and easy to use processing properties. Since as health neutral as possible components are being used, this system meets physiological aspects to the best. Critical or suspicious solvents like for example Cyclohexanone, NMP, Toluene and many more have purposely been removed without influencing performance capacities.

Since raw materials have been chosen for high quality requirements, outdoor use, as well as the additional bonding with corresponding hardeners are a given fact. This increases chemical resistance, partially also adhesion as well as weather resistance, i. e. Series 600 HDA or Series 600 HDS (outdoor use) or Series 600 HDI (indoor use). Addition ratio approx. 10% by weight. In some rare cases, use of hardener leads to embrittlement of the ink and therefore deterioration of the adhesion results. For a long term outdoor use of the finished printings – without influencing optical properties – overprinting with suitable light protection varnishes is recommended. As "Anti-Graffiti" varnish, Series 388-5800 is offered. It is basically to be processed like UV light protection varnish, Series 388-5700, but additionally offers dirt protective components.



SUBSTRATES

Soft- / Rigid-PVC	Polyester, coated	Polycarbonate	Coatings
Polyolefin, coated or primered	Polystyrene, ABS, SAN (thinner Series 300 017/01)	Cellulose acetate, CAB	Paper, paperboards, cardboards



USE

Application	Plastics for advertisement and displays, labels- and sticker printing, applications in the technical field like membrane switches, various applications in the automotive industry, printing of signs and retro-reflecting substrates (2-component applications).
	Industrial and graphical application for indoor as well as outdoor use



PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	77-55 Y PW PET 1000 up to 120-34 Y PW PET 1000
Drying / Curing	Jet / air, optionally oven drying
Further Processing	Punching, cutting, grooving



ADDITIVES

Thinner	Series 300-017	Addition Ratio	10 - 20 % by weight
Retarder	Series 300-018	Addition Ratio	10 - 20 % by weight



VARIOUS

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



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)