

PRODUCT GROUP 300

Series 386

Solvent Based Screen Printing Ink for Plastics



Highly opaque, silky glossy screen printing ink, based on Series 388. By mixing with binder component, Series 386-07, also suitable for printing onto various plastics, but especially onto acrylic glass (PMMA). The used raw materials have specially been chosen for high quality requirements. Therefore, outdoor applications as well as applications in the industrial and technical field are possible. The additional bonding with hardeners to increase chemical resistance and partially also adhesion as well as weather resistance is a given fact (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 may lead to embrittlement of the ink and therefore results in adhesion deterioration.

To guarantee a proper long term outdoor use of the finished printings – without influencing its optical properties – overprinting with appropriate light protection varnishes is highly recommended. In this case, Printcolor's product range offers the special varnish, Series 386-5700.



SUBSTRATES

Soft- / Rigid-PVC	Polyester, coated	Polycarbonate	PMMA
Polyolefin, coated or primed	Coatings	Polystyrene, ABS, SAN, ABS, SAN (Thinner, Series 300 017/01)	



USE

Application	Plastics for advertisement and display printing, label- and stickers printing, applications in the technical field and membrane switches, manifold applications in the automotive industry as well as illuminated printings for in- and outdoor use
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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, thermal forming



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)