



PRODUCT GROUP 300

Series 386-100/REFLEX

Reflective Screen Printing Ink, silver



A special screen printing ink for partial printing of retro-reflective layers. The achieved reflective layer is silvery and shows the highest reflective values on dark substrates. The intensity of the reflection is also dependent on the layer thickness, so that the recommended mesh sizes are to be used. For coloring of the ink, up to 30 % by weight of the high temperature ink of Series 388 (color chart Series 10-37/HT) can be added. Over lacquering reduces the reflection values and is not being recommended.

The system is made in such way, that medium-term outdoor applications are guaranteed. Increase of chemical and mechanical resistance can be achieved by 2-component processing with hardener Series 600-HDA, addition ratio approximately 10 % by weight.



SUBSTRATES

Soft-PVC / Rigid-PVC	Polyester, coated	Polycarbonate
Polyolefin, coated	PMMA	Polystyrene, ABS, SAN (thinner Series 10-0330)
Coatings	Cellulose acetate, CAB	Paper, cardboards, paperboards



USE

Application	Reflecting surfaces for temporary outdoor use
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PROPERTIES, PROCESSING, DRYING AND MESH

Mesh	43-80 Y PW PET 1000 up to 54-64 Y PW PET 1000
Drying / Curing	Jet- / air drying, optional oven drying
Further Processing	Punching, cutting, embossing



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. (06/2009)