



PRODUCT GROUP 300

Series 388-xxx/REFLEX

Solvent Based Reflective Ink



The inks out of the "Reflex"-Series represent a system which is retro-reflective when exposed to light. These specialties contain highly effective reflecting particles, developing its maximum efficiency on dark substrates. The reflective inks are preferably used in the advertising and automotive industry whereas for applications in public road traffic, special legislations are applicable! To reach optically colored ink layers, the silver, Series 388-100/REFLEX, can be colored with the MS-Highly transparent inks (see color swatch Series 10-37/HT). Depending on the illumination angle, these layers are reflecting colored to silvery in the dark.

The ink layers, applied with an approximately 43 up to 54 mesh are outdoor resistant. To increase its chemical and mechanical resistance, approx. 10% by weight of hardener, Series 600-HDA or Series 600-HDS can be added. Post-lacquering will reduce the reflection values and is therefore not recommended. The high reflection values of retro-reflective special foils can however not be achieved with such ink systems.



SUBSTRATES

Rigid-PVC, PVC-self adhesive foils	Coatings	Polycarbonate	Polystyrene
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USE

Application	Printing of reflecting areas in advertising as well as signaling applications for outdoor use
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PROPERTIES, PROCESSING, DRYING AND MESH

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



ADDITIVES

Thinner	Series 300-017	Addition Ratio	10-15 % by weight
Retarder	Series 300-018	Addition Ratio	10-15 % 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. (12/2009)