

Series 388-xxx/REFLEX

Solvent Based Reflective Ink

The inks of the Reflex series are systems that have a retro-reflective effect when exposed to light. These specialties contain highly effective reflective particles, developing their maximum efficiency on dark substrates. Reflective inks are preferably used in advertising and automotive applications (printing of reflective surfaces in advertising as well as for marking applications in outdoor areas), whereby special legislations apply to applications in public road traffic. The Silver Series 388-100/REFLEX can be shaded with MS highly transparent inks (see color chart Series 10-37/HT), resulting in optically colored ink layers. Depending on the angle of illumination, they reflect dark silvery colorful to silvery.

Ink layers applied with an approximately 43-thread mesh are externally resistant. To increase the chemical and mechanical resistance, 10 % by weight of hardener Series 600-HDA or Series 600-HDS can be added. Post-varnishing reduces the reflection values and is therefore not advisable. The high reflection values of retro-reflecting special foils can, however not be achieved with such ink systems.

Specifications

Thinner	Series 300-017
Addition ratio	10-15 % by weight
Retarder	Series 300-018
Addition ratio	10-15 % by weight
Mesh	43.80 to 54.64
Drying	Jet / Air
Substrates	Rigid PVC, self-adhesive PVC foils, PET (pre-treated), polycarbonate, polystyrene, coatings
Indoor use / outdoor use	Indoor / outdoor
Further processing	Punching, cutting
Delivery conditions	1 kg, 5 kg, 25 kg
Shelf life	24 months (except Series 388-100/REFLEX, Silver: 12 months)
Others	Stir well before use.

Important information: Our technical advice, whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, such claims shall be limited to the value of the goods delivered by us and utilized by you with respect to any and all damages not caused intentionally or by gross negligence (T30 / 09/2019).