

Series 140-5107-07/179

UV Binder for Scratch-off Inks

Series 140-5107-07/179 is a binder for scratch-off inks. When used with the 500-1xx/KONZ series concentrate, it produces a homogeneous print image with good flow. The series also convinces with good coverage and pleasant rub-off properties. Both binder and concentrate are liquid so they can be easily mixed and processed.

To ensure a sustainable scratch-off, we recommend using the pre-print varnish Series 140-5107/VD (150.31 fabric) or, after preliminary testing, a release varnish in offset printing. Please also note that initial tests must generally secure the print realization, as many different factors influence the final result.

Please note that the mixture of binder and concentrate has a limited shelf life and should be processed within 24 hours.

Specifications

Thinner	Press-ready
Addition ratio	-
Retarder	Press-ready
Addition ratio	-
Cleaner	Series 500-URS
Mesh	120-34–140.31 (in combination with Series 500-1xx/KONZ)
Drying / Curing	400–600 mJ/cm ² (technigraf Integrator) (in combination with Series 500-1xx/KONZ)
Substrates	Paper, cardboard, rigid PVC, soft-PVC, OPP (preliminary test necessary), offset varnished
Further processing	Punching, cutting
Available quantities	1 kg, 5 kg, 25 kg
Shelf life	See information on container lid.
Others	Mixing ratio 2C scratch-off ink: 70 % Series 140-5107-07/179, 30 % 500-1xx/KONZ

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 (T31 / 08/2023).