

SCREEN VARNISHES UV

Group: 12.3

Revision Date: 25/01/2024

CHARACTERISTICS

EXCURE coatings are UV coatings with radical curing mechanism. All are formulated without Benzophenone.

SUITABLE SUBSTRATES

■ All kinds of paper and board

■ Certain laminating films and plastics

Preliminary adhesion tests are recommended. A test for suitability must always be carried out before printing.

OVERVIEW SCREEN UV VARNISHES

Product	Viscosity	Curing	Slip	Rub	Gloss	Properties
EXC90380	35 – 45*	Fast	n/a	Medium	Medium	Braille
EXC90380A	60 – 70*	Fast	n/a	Medium	Medium	Braille, High Viscosity
EXC90380P	25 – 35*	Fast	n/a	Medium	Medium	Braille, Low Viscosity
EXC98307	35 – 40**	Medium	Medium	High	High	Gloss, Low Viscosity
EXC98325	100 – 120**	Medium	Medium	High	High	Gloss, High Viscosity
EXC98353	55 – 65**	Medium	Medium	High	High	Gloss, Medium Viscosity

*Viscosity: Poise

**Viscosity: Din Cup 4 at 21°C

REMARKS

Stir well before use. Data below is only a guideline for initial product selection. Only actual tests in production conditions can confirm if a product is fit for the intended application. These screen coatings are not over-printable and can't be used for hot- or cold foiling. **Storage conditions:** To ensure maximum stability, the product should be stored in closed containers at temperatures between 15 – 20°C, away from direct heat and exposure to UV light. Storage in a dark room will be preferable. Stocks should be rotated (i.e., use oldest stock first). Following the above-mentioned storage conditions the quality of these products is guaranteed when used within the BBD (Best Before Date) that is mentioned on the label of the involved lot. Products which are stored as per the above-mentioned storage conditions can be usable for a longer time (in excess of the "best before date"). Any usage after the "best before date" is subject to your own testing. Using the product after the "Expiry Date" is not recommended. Please note that due to our internal processes the time span between the "date of manufacturing" and the "Best Before Date" may deviate but will never be lower than our minimum guaranteed shelf life which has not changed.

PRODUCT SAFETY

These varnishes **are NOT suitable for FOOD applications** unless a proper risk assessment proves that its use is safe (e.g., if the process rules out the possibility of set-off in the reel or stack AND if the design of the final printed article ensures reliable functional barrier properties to migration). For further information please contact our local sales team or www.artience-toyoinkeurope.eu.

PACKAGING

5 KG

10 KG

25 KG

200 KG

600 KG

1000 KG

CONTACT INFO

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