

TEKNOVACOAT INK DUCT VARNISH GLOSS IDG 580x SERIES

Product Code: 580x- Final 1 digits relate to pack size.

1. PRODUCT DESCRIPTION

Specially formulated water-based high gloss varnish, suitable for application via rollers in-line or through the spare ink reservoir.

2. PRODUCT FEATURES

1	2	3	4	5	6	7	8	9	10
MIN.							MAX.		

GLOSS	8
DRYING	5
RUB/SCUFF RESISTANCE	7
BLOCK RESISTANCE	6
CRAZING RESISTANCE	9
SLIP EFFECT	7

3. APPLICATIONS

Recommended for use on most coated paper and boards substrates. Always test for low porosity substrates such as metallised boards, plastics, or films. For uncoated papers/board, and papers below 115 g/m² suitability can vary depending on application.

Application:

Sheet-fed offset via the end station inking unit

Required drying conditions: IR and Hot Air Circulation

It is suitable for Inline (wet on wet) and Offline (wet on dry) applications.

- Stir well before use!
- For most applications wet film weight is approximately 1-2 g/m².
- Use coating compatible inks and printing surfaces.
- Alkali resistant and wax free inks are ideal for optimum results.
- Testing ink suitability prior to production runs is recommended
- Maximum recommended stack temperature = 36°C.
- Avoid contaminating the varnish with washing fluids or other varnish. Wash the inking unit with water and cleaning agents when switching from one varnish to another.

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4. TECHNICAL SPECIFICATIONS

SOLIDS	45%±2%
HEAT RESISTANCE	120°C
VISCOSITY	480 sec. -600 sec. (Din4/20°C)
SINGLE OR DOUBLE SIDED	Single

5. STORAGE

Ideally, the appropriate storage temperature of the product should +5°C/+30 °C

Product should be avoid from freezing.

The shelf life of the product is 6 months in its original packaging under ideal storage conditions.

It should be consumed in a short time after opening.

6. SAFETY

When using this product, please follow the advice and information given in the safety data sheet. Use adequate protective equipment to work with chemicals and follow hygiene measures at the workplace. Dispose according to local / regional / national regulations regarding the disposal of hazardous waste

PACKAGING: 10 KG, 20 KG,30 KG, 200 KG, 1000 KG

NOTE:

The purpose of this technical document is to provide users with general information about the product. According to the experiments carried in our laboratory and in addition to our experience in the field, the data we have collected may not conform with the required application due to the several external factors. Therefore, these data cannot guarantee the suitability of the product for a particular purpose or the specific properties.

The correct application for each product should be carefully checked for suitability. Therefore, this recommendation cannot be used as a basis for claims in law. It is the responsibility of the purchaser of our product to ensure compliance with all property rights, existing laws and regulations.