

TIGITAL® Water-based Paperboard Ink – Single-Pass Series 147/2.0

Properties

Viscosity	35 °C	5 – 7 mPas
Thixotropy		0.0 – 0.1 D/cm ²
Surface tension	25 °C	24 – 28 dyn/cm
Drying method	Warming (infrared, hot air)	

Colors

- Series 147/20200 yellow
- Series 147/20300 magenta
- Series 147/20400 cyan
- Series 147/20800 black

Shelf life

6 months when stored between 15 and 35 °C

Package sizes

- 1 l PE bottles (black)
- 5 l PE cubitainer

Recommended cleaning and flushing fluid

TIGER Flush 151/00004

Applications

Water-based paperboard inks for single-pass printing are designed for low-migration applications on absorbing substrates, such as paper and cardboard for food packaging.

Water-based paperboard inks are characterized by excellent wetting of absorbing substrates as well as good mechanical and chemical stability.

Printing and curing conditions

Depending on the type of printing head selected, the inks can be processed at temperatures up to 40 °C

After printing, the inks must be dried immediately applying infrared radiation and/or hot air.

Compatibility of materials

Compatible materials:

- PP
- PE (HD + LD)
- Stainless steel
- EPDM rubber
- PTFE, etc.

Incompatible materials:

- Any materials incompatible with water

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