

# 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 <sup>2</sup>
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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