

TIGITAL® Water-based Latex Ink – Single-Pass Series 147/3.0

Properties

Viscosity	35 °C	4 – 6 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 147/30000 varnish

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 151/00006

Applications

Water-based Latex inks for single-pass printing are designed for low-migration applications on absorbent and non-absorbent substrates such as food packaging. The print layers are characterized by good adhesion to various non-absorbent 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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