

Technical Data Sheet

NEWPRINT FTD

NC Based Ink Series for High Quality Process Jobs

Main Characteristics

- Surface Printing
- Very high Color Strength
- Excellent Deep Freeze Resistance
- Very Good Printability
- Good Heat Resistance
- Suitable for very fine anilox rollers (up to 420 lpc)
- Good milk resistance
- Good energy drinks resistance

Printing Techniques

- Flexography

Printing Substrates

- Poly Ethylene (LD,HD, MD)
- Polypropylene
- (COEX, BOPP)
- NC coated aluminum foil
- Paper and carton

Additional information:

Substrate to be printed needs to have a corona treatment: min. 38 dyn/cm

Viscosity (Din 4 at 25°c)

- Production viscosity: 35-45 sec.
- Printing viscosity: 18-22 sec.

Heat Resistance

Up to 180°C 1sec.

Dilution

- **Extender and thinner**
In order to reduce color strength add a diluting varnish. Adding only thinner or an excessive use of solvent may alter the characteristics of the ink.

- **Thinner:**
Mixture of

	%
Ethyl alcohol	75 - 85
PM	10 - 15
Ethyl-acetate	5 - 10

- **Diluting:**
DILUTING VARNISH FTD
- **Retarder:**
Methoxy-propanol (PM) or Ethoxy-propanol
- **Accelerator:**
Ethyl Acetate

Drying Speed

Depending on your machine and drying capacity.

In any case FTD is a slow drying ink, suitable for fine Anilox and good quality process jobs.

Other Parameters:

	Light. Fastness	Pig. Conc.
Cyan	8	17%
Black	7-8	14%
Yellow	4	15%
Magenta	4-5	17%

Adhesion Promoter:

This series of ink contain adhesion promoter.

Storage and safety

- Store in closed packages.
- Store in well-ventilated area
- Max. 12 months in original packages.
- Mix well before use.
- Product is highly flammable.

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