

Technical Data Sheet

NEWPRINT DF

NC Based Ink Series for Deep-Freeze

Main Characteristics

- Surface Printing
- Excellent Adhesion
- Good Gloss and Color Strength
- Very Good Printability
- Good Heat Resistance
- Good Deep-Freeze Resistance
- Good Rub and Scratch Resistance
- 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.

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
FRL
- **Retarder:**
Methoxy-propanol (PM)
or Ethoxy-propanol
- **Accelerator:**
Ethyl Acetate

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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