

# Technical Data Sheet

## NEWPRINT FRL NC Based Ink Series for Surface Printing

### Main Characteristics

- Surface Printing
- Excellent Adhesion
- Good Gloss and Color Strength
- Very Good Printability
- Good Heat Resistance

### Printing Techniques

- Flexography
- Rotogravure

### 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.

For further information please contact us:

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