

# Technical Data Sheet

## NEWPRINT FGA

### Extra Glossy NC Based Ink Series for Surface Printing

#### Main Characteristics

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

#### 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:

**Chemiprint.**  
**23 Hamasger st.**  
**Bet-Shemesh, Israel**  
**99060**

 Phone: +972-2-9901888

 Fax: +972-2-9901899

 E-mail: [info@chemiprint.co.il](mailto:info@chemiprint.co.il)

 Website: [www.chemiprint.com](http://www.chemiprint.com)

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