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
<table>
<thead>
<tr>
<th>Material</th>
<th>%</th>
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<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>75-85</td>
</tr>
<tr>
<td>PM</td>
<td>10-15</td>
</tr>
<tr>
<td>Ethyl-acetate</td>
<td>5-10</td>
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</tbody>
</table>

- **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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The above information is based on our laboratory tests and experience. Results may vary according to different press condition. The final decision regarding the suitability of the product to particular use is sole responsibility of the user.