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 1 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 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:

<table>
<thead>
<tr>
<th></th>
<th>Light. Fastness</th>
<th>Pig. Conc.</th>
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</thead>
<tbody>
<tr>
<td>Cyan</td>
<td>8</td>
<td>17%</td>
</tr>
<tr>
<td>Black</td>
<td>7-8</td>
<td>14%</td>
</tr>
<tr>
<td>Yellow</td>
<td>4</td>
<td>15%</td>
</tr>
<tr>
<td>Magenta</td>
<td>4-5</td>
<td>17%</td>
</tr>
</tbody>
</table>

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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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.