

NC500 Halftone flexo

Technical Data Sheet

Flexo Printing

1. FIELD OF APPLICATION

Ethanol based ink series for printing onto NC-prelacquered aluminium, coated and uncoated paper, pre-treated polyethylene, pre-treated polypropylene (also co-extruded), acrylic-coated polypropylene and pre-coated polyester. The ink series NC510 is especially suitable for laminating.

2. PROPERTIES

- Free from phthalates
- High colour strength, brilliance and yield
- Low solvent retention
- Excellent transparency
- Suitable for simple lamination
- Weatherproof setting possible
- The ink series corresponds to the provisions of Regulation (EC) No. 1935/2004 when properly used.

3. FASTNESS INFORMATION

The ink series NC500 is resistant to adhesive tape, scratch resistant and suitable for compounds.

Further fastnesses are depending on the pigmentation and the used printing substrate. Special fastness information will be made available on request.

Fastness examinations should not be done before a period of 24 h after the printing process.

4. RANGE OF COLOURS

Process Yellow C	Y500NC2001
Process Magenta C	Y500NC3001
Process Cyan C	Y500NC5001
Process Black C	Y500NC9001

(additional colour shades available upon request)

5. ADDITIVES

Thinner	Ethoxypropanol *
Quick drying agent	Ethanol
Retarder (Ethoxypropanol)	002001
Varnish	Y200NC0003

* if min. 4,500 m³/h exhaust available!

6. STORAGE

We guarantee a shelf life of six months. For metallic inks as well as gold and silver we guarantee a shelf life of three months in original and closed containers.

Rust protected containers have to be used in case of decanting.

7. PRECAUTIONS

For further information on the safety, storage and environmental aspects please refer to the Material Safety Data Sheet(s) (MSDS).

For further technical information please contact our application engineering:

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