

PLURINX NC COLORS Technical Data

Plurinx NC Colors are a rotogravure and flexo ink series based on modified Nitrocellulose as the main binder.

Available Versions:

- Plurinx EA NC Colors: monosolvent for the maximum recovery of Ethyl Acetate
- Plurinx PS NC Colors: plurisolvent
- Plurinx FC NC Colors: plurisolvent for photocolour applications
- Other versions according to customer requirements

Properties:

- High quality
- High transparency
- No need of adhesion promoter
- Excellent adhesion
- High definition of half tones
- Easy cleaning of engraved cylinders and anyloxes
- High gloss
- High heat resistance
- High scratch resistance
- Not suitable for pasteurization
- Outside printing
- Reverse printing for lamination
- Double sided printing: contact studioEFFE
- Photocolour flexo applications

Printing Process

- Roto and flexo

Substrates

- Treated polyethylenes
- Treated polypropylenes
- NC coated films
- NC coated foils
- Paper
- Chemical treated PET
- Acrylic coated films
- PVC: contact studioEFFE for special additive
- Other substrates: contact studioEFFE

Printing Aids:

- No special aids are necessary except those well known, such as solvents and retarders
- Adhesion promoters are not required, but can be used.

Viscosity:

- 30 to 60 seconds Ford 4 cup at +/- 2% solid concentration.

Available Colors:

Each color is followed by three digits according to the International Color Index of the pigments.

Example: NC 130 = PY 13

NC 153 = PB 15:3

- Yellow: NC 130, NC 140, NC 740, NC 830
- Orange: NC 500, NC 340
- Red: NC 531, NC 481, NC 482, NC 571, NC 122, NC 810
- Violet: NC 300, NC 230
- Blue: NC 153, NC 154, NC 270
- Green: NC 700
- Black: Black

Special colors: contact studioEFFE

Packaging

- 25 Kg metallic pails
- 200 Kg metallic drums
- 1.000 Kg plastic tank

Service Life and Storage:

- In excess of one year if kept at room temperature (5 to 30°C).

Note:

Above information cannot include all variables and factors influencing the applications and usages of inks. Therefore, it is up to the user to proceed with rational carefulness and to contact studioEFFE for assistance.