

ECM-4XXX Series

Description: The ECM-4XXX Series is a solvent-based rotogravure lamination ink series that provides live printing in process printing. The ECM-4XXX Series is nitrocellulose based and designed for rotogravure lamination systems.

Product features:

- Excellent printability and performance,
- High color intensity,
- Vivid and clear print quality,
- High heat resistance,
- Suitable for lamination.

Technical Specifications:

Chemical Properties;

Production viscosity: 25-35 sec / DIN 4/20 °C

For Verchnitt: 15-20 sec / DIN 4/20 °C

Printing viscosity: 20-24 sec / DIN 4/20 °C

Physical Properties;

Thinner: 80% Ethyl Alcohol + 20% Ethyl Acetate

Retardant: Methoxypropanol

Accelerator: Ethyl acetate

Application:

It is recommended to print ECM-4XXX Series inks on OPP, PE, aluminum foil (after primer), paper and cardboard materials.

The ECM-4XXX Series is designed for OPP / OPP or OPP / PE lamination prints. A minimum surface tension of 38 mN / m is required for OPP and PE materials.

Assistant products:

ECM-4510 and ECM-4511 verchnittler are used to reduce ink color intensity in printing.

Storage and shelf life:

The ECM-4XXX series of inks can be stored for 2 years in original, non-breathable packaging. Silver and gold gilded inks can be stored for 6 months under the same conditions.

The above information is based on our laboratory test results. Changes in the application conditions may affect the results. In such cases, please contact our technical department.