



# FLEXO/GRAVURE PRINTING INKS



**Recognition**  
**Market orientation**  
**Customer support**  
**Quality**  
**Flexibility**  
**Tradition**  
**Experience**  
**Environmental care**

# CINKARNA

## WHO ARE WE?

Cinkarna Celje d.d. is a modern Slovenian metallurgical and chemical processing company with a diverse production and sales programme. We produce: titanium dioxide pigment, sheet metal, masterbatches, printing inks, powdered coatings, anticorrosion coatings, construction materials, products for agriculture.

## TRADITION

The company has a very long tradition as it was established in 1873 and such years long tradition, experiences and recognition characterize and give identity to our production programme.

## QUALITY

Our corporate policy is to provide a quality management system and responsible attitude towards our business partners, owners, employees and environment, which is confirmed by the ISO 9001, ISO 14001 and BS OHSAS 18001 standards. With constant development of our product and technology we are oriented in production of high-quality products.

## MARKET ORIENTATION

Satisfied customer is the main goal of our quality management policy at Cinkarna. We are a market oriented company which is aiming to continuous improvements, development, flexibility and reliability. We do follow the market demands while at the same time listen to our customer's needs and search for their optimum solutions.

## ENVIRONMENTAL CARE

At Cinkarna we understand sustainable development as a responsibility towards the environment and the society which is incorporated in our vision, mission and development plans. Using best available technology we are highly committed to preserving the nature for the generations to come while at the same time follow the demands of the today's society. Our key goals are to reduce energy consumption and emissions into the environment.

# FLEXO GRAVURE



## FLEXO/GRAVURE PRINTING INKS AND VARNISHES SOLVENT BASED

Solvent based inks and varnishes comprise three series, considering their application:

- PLASTOFLEX - series 92
- LAMINATFLEX - series 94
- ELASTOFLEX - series 96

**Plastoflex – series 92** are solvent based printing inks and varnishes made for application on outer surface of printing materials in flexo/gravure printing.

**Laminatflex – series 94** are solvent based printing inks and varnishes, made for application on surfaces, which are later laminated.

**Elastoflex – series 96** are solvent based printing inks and varnishes, made for application on PE-thermo-shrinkable printing materials.

## **FLEXO/GRAVURE PRINTING INKS**

The production of flexo and gravure printing inks at Cinkarna started in 1963. Our main goal when developing new products and improving the already established ones is supported by selection of high quality raw materials in order to follow the market demands and to satisfy our clients. Cinkarna produces high quality white titanium dioxide pigment which is also used in the production of white flexo/gravure printing inks. Advanced equipment and numerous measuring and control devices applied during the process provide great production flexibility and first-rate quality of the products. We provide technical support to all our customers, either when introducing new products as well as when searching for the optimum solutions for the individual client.

**Individual approach towards a client** represents our comparative advantage.

According to different base, two types of flexo/gravure printing inks are produced at Cinkarna:

- flexo/gravure printing inks and varnishes - solvent based
- flexo/gravure printing inks and varnishes - water based

We also produce colour concentrates, thinners and additives for improving ink properties.



### **FLEXO/GRAVURE PRINTING INKS AND VARNISHES WATER BASED**

Water based inks and varnishes are intended for use in flexo/gravure printing on all grades of paper and cardboard. Considering their composition and application they are made in two series:

- AQUANOL SPECIAL - series 89
- AQUAFLEX - series 86

**Aquanol special – series 89** are water based printing inks and varnishes containing in addition to water also ethanol and isopropyl alcohol in minor quantities. Due to alcohol content they are distinguished by good drying properties and high gloss.

**Aquaflex – series 86** are 100% water based printing inks and varnishes. They can be diluted only with water.

# FLEXO/GRAVURE PRINTING INKS



**Recognition**  
**Market orientation**  
**Customer support**  
**Quality**  
**Flexibility**  
**Tradition**  
**Experience**  
**Environmental care**