

## ANJO EON

Graphic ink used in flexographic machines. Developed for Polyester Film Structure (PET/PE, PET metallised/PE e PET/Aluminium/PE) and Bioriented Polypropylene and Polyethylene films. Has excellent printability (developed for high speed printers), good brightness and balanced evaporation rate which drastically reduces the use of retardants in formula. It has high delamination resistance and low residual solvent content. Also suitable for external printing when added with Converter Solution or Slip Additive, having excellent low temperature resistance and high humidity, dairy acid resistance, alkaline agents and fats (except vegetable fat).

### RECOMMENDATIONS OF USE

Suitable for printing laminated packaging such as milk powder packaging, labels, bags, popsicle snacks. For application on Saran PET and metallised BOPP, indicate color catalysis with High Performance Additive (Code: 036214-30), adding 2% on the inks mass.

For use on external printings should be added 5% with Slip Additive (Code: 037007-30), thus suitable for printing on polypropylene and external polyethylene film, packaging requiring low temperature and high humidity resistance, and cereal packages, except cornmeal and parboiled rice. Suitable for printing packages exposed to low temperatures for packaging perishable products, like milk, cheese, poultry slaughtered, fresh pasta.

Not recommended to use Ruby Red (PR 57:1), Red Lacquer-C (PR 53: 1), Violet Fanal (PV3) and Pink Fanal (PR 81) for dairy drinks.

In dairy drinks we suggest using a resistance varnish over printing.

### ANJO TINTAS

Unit IV – ANJOPRINT

Rod. SC 108, s/n - km 366 - B. São Simão - Morro da Fumaça – SC/Brasil - CEP: 88830-000

Tel: +55.48.3461-8000 Fax: +55.48.3461-8001

[www.anjo.com.br](http://www.anjo.com.br)



## TECHNICAL DATA SHEET

FR413 (REV. 01)

### TYPICAL PROPERTIES

<b>Color</b>	As per customer standard
<b>Appearance</b>	Viscous liquid
<b>Density (25 °C)</b>	1,00 g/cm <sup>3</sup> (approximate value)
<b>Non-volatile matter</b>	≥ 25,0% (As per ink)
<b>Viscosity</b>	As per solicitation o customer
<b>Drying</b>	As per solicitation o customer

### APPLICATIONS

<b>Dilution</b>	According to product quality certificate.
<b>Thinner to dilution:</b>	It is recommended to use the Thinner Sigma 031702-30 If other solvents are used, it is advisable to consult the Technical Department.

<b>Auxiliary products</b>	Thinner or solvent Accelerator Thinner or solvent Accelerator The addition of one of these products to the paint should be corrective. The addition of retarder or accelerator should not exceed 5% of the ink volume.
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### APPLICATION INSTRUCTIONS

Shake the contents with a mechanical stirrer. Make sure no pigment is trapped at the bottom of the container. Adjust the viscosity only after its perfect homogenization. During printing, the reservoir, the inkwell and the tin should remain closed. In stock keep cans tightly closed in a cool and well-ventilated place.

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### SAFETY RECOMMENDATION

Store the product in sheltered, ventilated environments.

Flammable product, keep away from sparks, sources of ignition, do not smoke.

Product when applied emanates vapors that should be avoided with the correct use of PPE, such as masks and respirators.

Avoid skin contact using gloves, goggles, proper clothing, protective creams etc.

Keep away from contact with children and animals.

### STATUTORY REQUIREMENTS

ANVISA (Brazilian Health Regulatory Agency): Rules heavy metal levels for food packaging that may have contact with children;

FDA (Food and Drug Administration): Norm american regulating foods and drugs for toxicity;

ABRE (Associação Brasileira de Embalagens): Exclusion list to toxicity to ink and solvent the print;

EUPIA (European Printing Ink Association): European exclusion list per toxicity in inks and solvent for printing.

### OBSERVATION

The instructions in this bulletin are based on our experience and technical knowledge, however, some factors are independent of our control as a manufacturer, such as:

substrate treatment, application, working conditions, and so forth. Due to substrate diversity and printing conditions, this sheet is sent for proposed information and is offered without warranty as it must be confirmed by industrial testing before products are used.

Use of thinner other than specified may affect product performance.

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Anjo is constantly making improvements to its products and we reserve the right to change the contents of this technical bulletin without prior notice. Anjo is not responsible for improper use of the product.

**Shelf life**      6 months

### **Packing**

Metal bucket 20 L

Drum 200 L

Metal IBC 1.000 L

**Review**            28/07/2020

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