



HERKULA  
HIGH-CHEM SPECIALITY INKS

# INK BIG HERKULA JETINK

FOR INKJET PRINTERS

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**Manufacturer  
of speciality inks:**

**Pigment based**

**Dye based**

# HERKULA JETINK

## INKS FOR INKJET PRINTERS

Herkula was founded 1894 and since this time we invested our many years of existence into the perfection of our craft to develop and produce speciality inks. We started the development of Continuous Inkjet Inks (CIJ) due to the fact that we received many requests about digital printing inks from our customers, during the last decade.

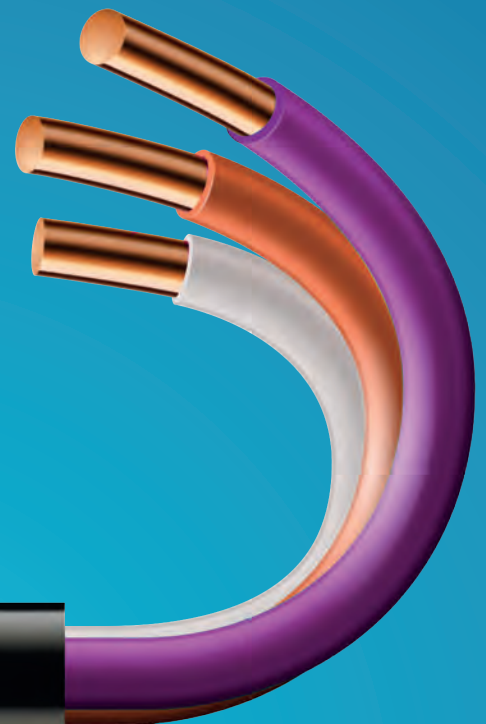
Various customers explained, that they have different claims with their inks for CIJ printer, therefore we decided to develop our own inks for this kind of printing system. Due to Herkula's history we're specialized in colouring and marking of plastic materials using soluble (dye) and pigmented (non-soluble) colorants. The development was focused on the parameter's adhesion, contrast and above all, stability.

Our pigmented products in particular are characterized by low sedimentation of the colorants and thus consistent performance. Therefore, we are proud to present different CIJ series:

For general purpose application we would recommend our MEK-based (30150) and MEK-free (30152) series. Both series are available with dye based and pigment based colorants.

**The main focus of our inks concentrates on extrusion application. Therefore, we designed several series for PVC, polyolefinic, PTFE and even silicone substrates.**

ISO 9001  
ISO 14001

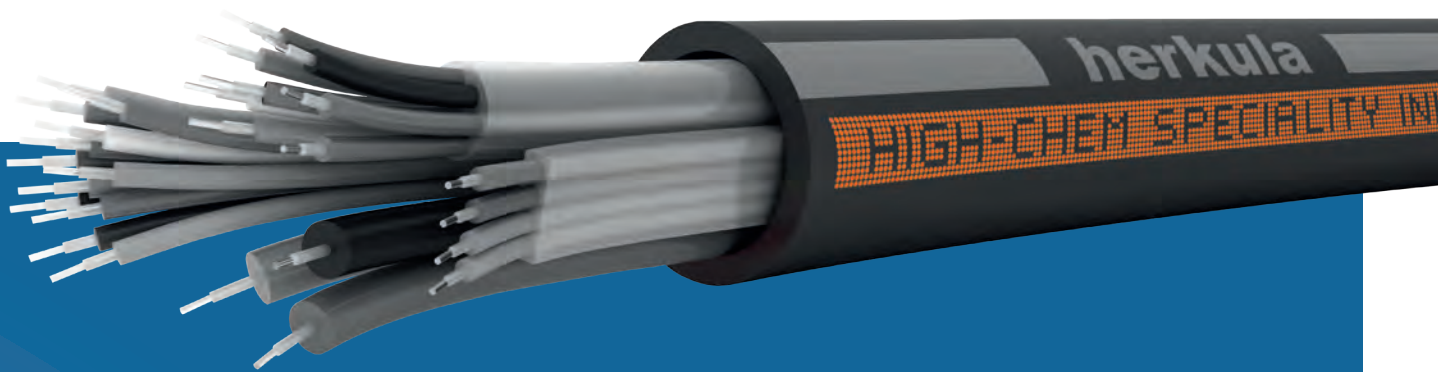


JET INK



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**ALL INKS ARE SUITABLE FOR NOZZLE DIAMETER BETWEEN 40 – 75 µm AND FREQUENCY UP TO 140 kHz.**

| SERIES | SOLVENT BASE | COLORANT * | SUBSTRATE                     | CHARACTERISTICS   |
|--------|--------------|------------|-------------------------------|---|
| 30150  | MEK          | D / P      | General purpose               | Good adhesion on common materials                       |
| 30151  | MEK          | D / P      | HDPE, XLPE, XLPO, PP          | Specially designed for polyolefinic materials           |
| 30152  | MEK-free     | D / P      | General purpose               | Good adhesion on common materials                       |
| 30153  | MEK          | P          | PVC                           | Non-transfer, alcohol resistant, light fastness         |
| 30154  | MEK          | D / P      | Silicone                      | Non-transfer and excellent adhesion with post heat cure |
| 30155  | MEK          | P          | Ceramics, Metal               | Thermal stability up to 800 °C                          |
| 30156  | MEK          | D / P      | PTFE                          | Excellent adhesion with post heat cure                  |
| 30159  | MEK          | D          | Plastics, Metal (not for PVC) | Excellent alcohol resistance                            |
| 30250  | MEK-free     | P          | Plastics                      | UV-cure, solvent resistance                             |

\* available as dye (D) or pigment (P) based

- OUR IMPROVEMENTS ARE**
- ❖ LESS MAINTENANCE
  - ❖ BETTER ADHESION ON VARIOUS SUBSTRATES
  - ❖ LESS SERVICE INTERVALS

ALWAYS ON THE MOVE, ALWAYS BY YOUR SIDE!

# HIGH-CHEM SPECIALITY INKS

The beginnings of Herkula date back to 1894. At Herkula, we have invested our many years of existence into the perfection of our craft. The know-how we have accumulated over these years is unrivalled in the industry.

The core business of Herkula consists of the development, production and distribution of special inks, varnishes and coating materials for the cable and plastic industries. We maintain two state-of-the-art R&D laboratories which work in close cooperation with our customers to develop customized solutions for individual requirements. Furthermore, Herkula brings new innovative products to the market in order to comply with evolving industry standards.

We supply over 475 well-known industrial companies in 66 countries with cutting-edge products that meet the required high-quality standards. Herkula is proudly characterized by experience, innovation and expertise.



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