



UV INK / UV MATRIX MATERIAL
FIBRECOAT

**Manufacturer of speciality
inks and coatings:**

Ink

Tight Buffer

Compact Fibre Unit

Ribbon

Flexible Ribbon

FIBRECOAT

UV INK / UV MATRIX MATERIALS

Since the early days of industrial optical fibre production, Herkula has been a reliable partner to the industry. The FibreCoat product range remains a strategic core business area for our company to this day. Drawing on decades of experience, we are constantly refining our

solutions – ensuring technological precision, process reliability and alignment with the growing demands of modern optical fibre applications. We offer Inks for differentiating optical fibres and various Matrix Materials.

YOUR BENEFITS WITH HERKULA



**TAILOR-MADE
SOLUTIONS FOR YOUR
PRODUCTION PROCESS**



**SHORT AND FLEXIBLE
DELIVERY TIMES**



MADE IN EU



CUSTOMER FOCUS

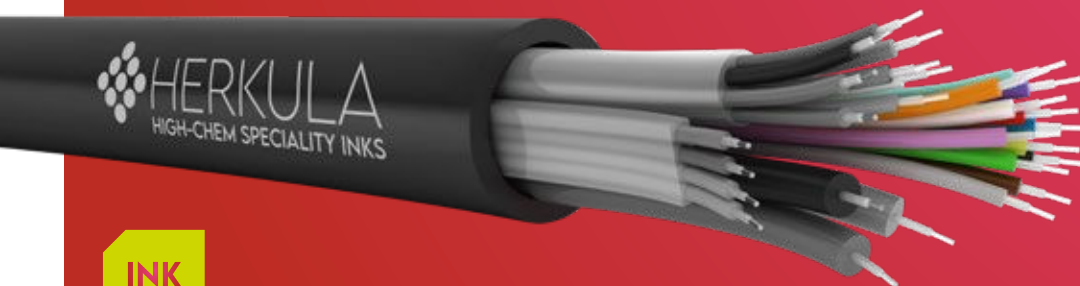


**IN-HOUSE
PRODUCTION**

THAT'S THE WAY WE INK

ISO 9001
ISO 14001
for HERKULA SA - BELGIUM

INK (UV / UV-LED)



INK

Our UV and UV-LED Ink for reliable fibre differentiation can be used on every colouring line that is available in the market, and you can reach a line speed of up to 3000m/min. The cured Ink has a very good slip and surface finish, these properties support a robust production process so that e.g. the take up runs smoother.



[more here](#)

MATRIX MATERIALS (UV / UV-LED)

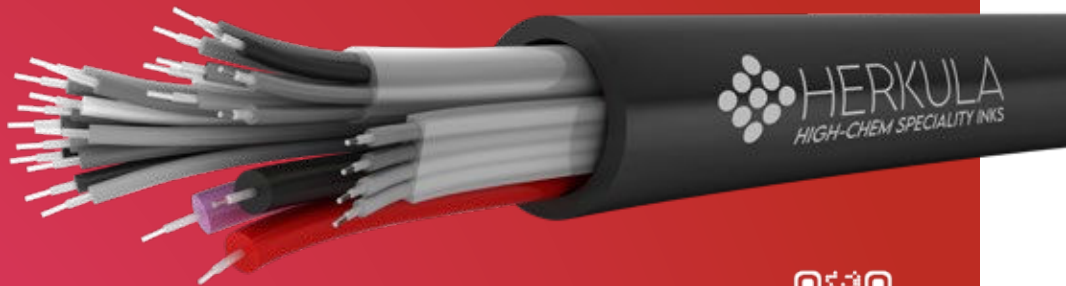
Matrix materials for construction, protection and targeted buffering – tailored to processing and performance for the following applications:

TIGHT BUFFER

Our matrix materials enable the buffering of individual optical fibre from 400 to 900 µm in a single production step. The existing colouring line can be used with minimal adjustments, allowing high production speeds to be achieved.



[more here](#)

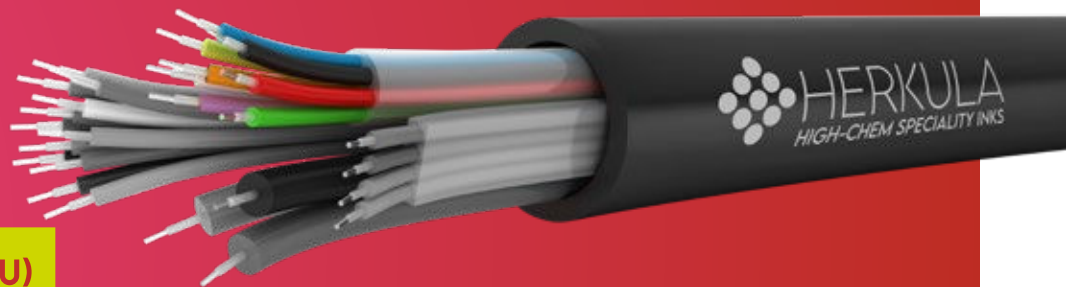


COMPACT FIBRE UNIT (CFU)

CFU enables high fibre count with a small outer diameter – ideal for limited installation space. Optimised for blowing processes over long distances. Compatible with existing production lines and high production speeds.



[more here](#)



STANDARD RIBBON

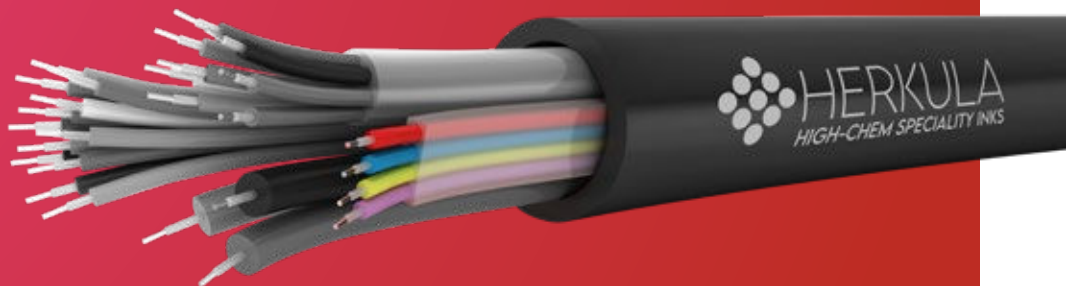
Matrix materials for ribbon production – for fixation, ribbon stability and efficient further processing. Compatible with standard ribbon lines.

INTERMITTENT RIBBON

Matrix material for segmented fixing: ribbon benefits plus the flexibility of individual fibres – easy separation during installation and splicing.



[more here](#)



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 more than 70 countries with cutting-edge products that meet the required high-quality standards. Herkula is proudly characterized by experience, innovation and expertise.



BELGIUM

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**ISO 9001
ISO 14001**

for HERKULA SA - BELGIUM