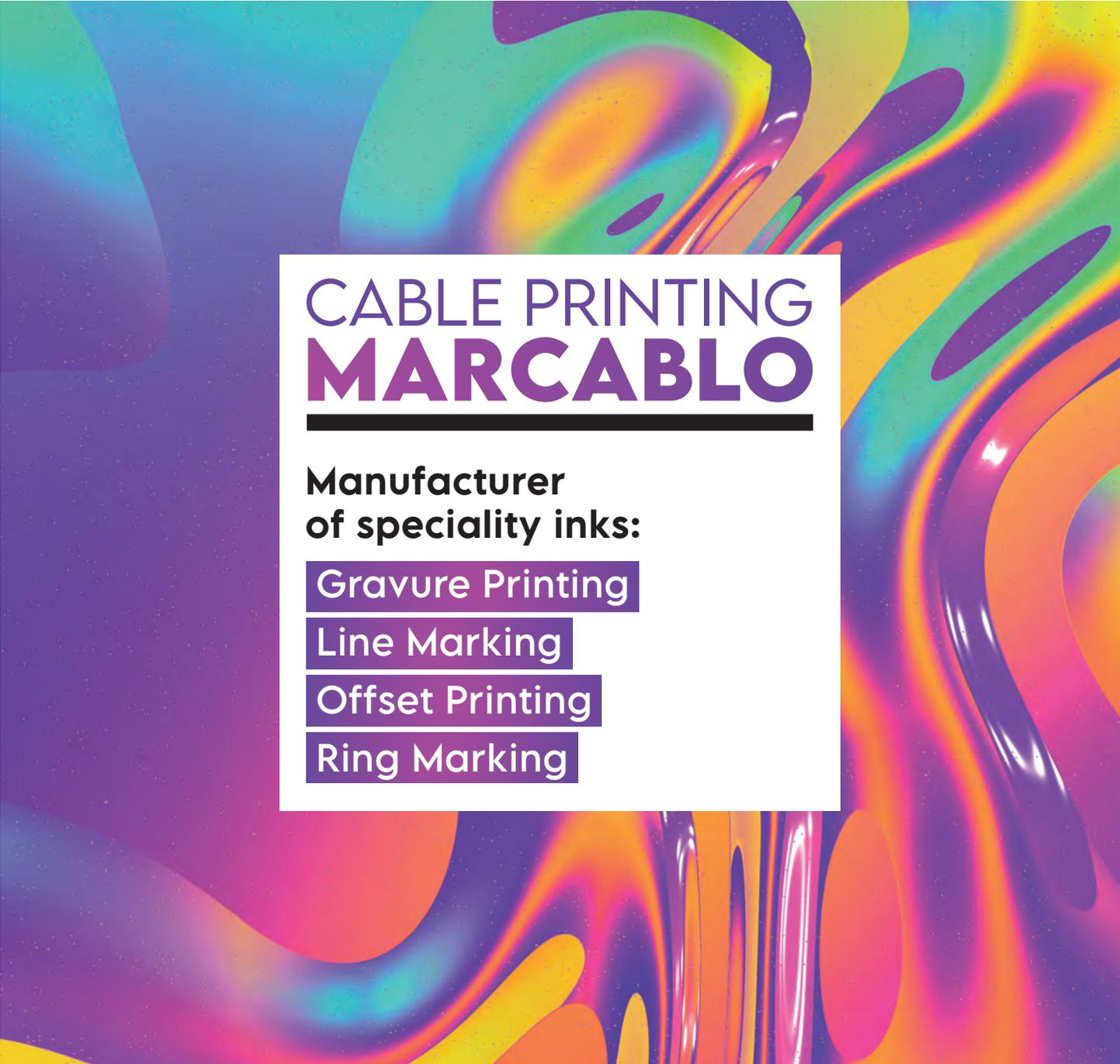


INK OUTSIDE THE BOX



CABLE PRINTING **MARCABLO**

**Manufacturer
of speciality inks:**

Gravure Printing

Line Marking

Offset Printing

Ring Marking

MARCABLO

CABLE PRINTING

Herkula has been supplying the cable industry for more than 70 years with MarCablo inks for printing and marking on plastic insulated wires and cables. As part of the MarCablo product line, Herkula can offer inks for all common types of insulation materials, even for critical substrates. Herkula provides solvent-based inks for Gravure Printing, Line Marking, Offset Printing and Ring Marking.

Our inks are available in various kinds of colour shades which are common in the cable industry. Special series can be tailored on request in our in-house laboratory such as inks for new substrates, new color shades or different line speeds.



GRAVURE PRINTING INK



LINE MARKING



OFFSET PRINTING



RING MARKING



ISO 9001
ISO 14001



GRAVURE PRINTING INK

Herkula offers different series to mark cables with a gravure wheel. This printing technique is also known as Contact Printing, Gravure Wheel Printing or Direct High-Speed-Printing. Our inks are suitable for each kind of Gravure Wheel Printer which is customary in the market. Briefly described, the gravure wheel picks up the ink from the reservoir and applies it onto the substrate. With a gravure wheel you can print either letters, numbers or any kind of symbol. The final print depends on your gravure selection. The advantages of our inks are an excellent adhesion onto critical substrates, a clear print and a high production speed.

SERIES	SUBSTRATE	APPLICATION	LINE SPEED M/MIN
17214	PVC, PE*, XLPE, PP*, PA, EVA, EPDM, PU	hot	500 – 1200
17217	PVC, PE*, XLPE, PP*, PA, EVA, EPDM, PU	hot	< 500
17227	PVC, PE*, XLPE, PP*, PA, EVA, EPDM, PU	cold	< 500
18215	Silicone	hot	< 300

*Pretreatment recommended

LINE MARKING

Our Series 17215 was developed to mark cables with a line. This marking technique represents an alternative to co-extrusion. To achieve this special kind of printing you need an application wheel with a line as gravure. The main benefit compared to co-extrusion is the line-speed and additionally there is no need for different kinds of extrusion compounds. Another benefit is the high pigmentation of the ink to achieve a high contrast on the cable insulation.

SERIES	SUBSTRATE	APPLICATION	LINE SPEED M/MIN
17215	PVC, PE*, XLPE, PP*, PA, EVA, EPDM, PU	hot	< 500

*Pretreatment recommended

OFFSET PRINTING

Herkula developed series 17220 for Offset Printing. This technique is also known as Indirect Gravure or Pad Printing. With this type of marking, a metal wheel prints the lettering onto a rubber wheel. This rubber wheel transfers the final print onto the surface of the cable. The main benefit is that uneven surfaces can be clearly printed with the rubber wheel.

SERIES	SUBSTRATE	APPLICATION	LINE SPEED M/MIN
17220	PVC, PE*, XLPE, PP*, PA, EVA, EPDM, PU	hot	< 500

*Pretreatment recommended

RING MARKING

Our products 17202 and 17212 are our different series to mark cables with a ring. Our solvent based inks suit each ring marker which is customary in the market. The inks were developed for the coding of telephone and switch wires with coloured rings.

SERIES	SUBSTRATE	APPLICATION	LINE SPEED M/MIN
17202	PVC, PE*, XLPE, PP*, PA, EVA, EPDM, PU	hot	30 – 2000
17212	PVC, PE*, XLPE, PP*, PA, EVA, EPDM, PU	cold	30 – 1000

*Pretreatment recommended

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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