

Press Release

Cable Marking – fast, transfer-resistant, and process-reliable

wire 2026: LEIBINGER further expands its leading position as a CIJ specialist for the cable industry

Tuttlingen (Germany), February 27, 2026 – Fast production lines, 24/7 operation, rising quality demands, and increasing cost pressure define the reality of the cable industry. At the same time, meter markings, technical specifications and batch numbers must be applied permanently legible and abrasion-resistant – even on dark or pretreated surfaces. At wire 2026 in Düsseldorf, LEIBINGER is setting a new performance standard for marking extrusion products (Hall 9, Booth 9F55): high-speed printing combined with maximum ink adhesion and absolute process reliability.

This position is no coincidence. Whether it be global players such as **Prysmian, HFCL, Encore Wire and Fenner**, machine manufacturers like **Rosendahl Nextrom**, or **regional mid-sized companies** such as **EP Connectors** – they all rely on **LEIBINGER** for marking solutions. As a CIJ specialist, LEIBINGER sees itself not only as a printer and ink manufacturer, but as a long-term partner to the extrusion industry – offering deep application expertise and a global network of more than 150 partners to ensure customer proximity and on-site service worldwide.

Marking cables at speeds of up to 1000 m/min

LEIBINGER offers CIJ systems specifically developed for the cable industry, enabling print speeds of up to 1000 m/min. In addition to the technical features of the printer system itself, three specially developed printhead covers ensure maximum speed.

The standard “RAPID” printhead cover is ideal for larger character heights or multi-line printing. The angled “Speed Plus” version enables maximum speeds for cables with diameters above 5 mm. With the stepped “WIRE” printhead cover, even cables of 5 mm or smaller can be printed at speeds of up to 1000 m/min.

How is this achieved? Thanks to the specially designed geometry, the cable can be guided extremely close to the nozzle – every millimeter of reduced distance contributes to achieving outstanding print quality at maximum speeds. To provide maximum flexibility for cable manufacturers, printers in the JET RAPID WIRE series are supplied as standard with the two special printhead covers – at no additional cost.

The JET RAPID WIRE also features an integrated printhead ventilation system as standard. This ventilation prevents “back splashes” – tiny, dust-fine ink droplets that are deflected back toward the printhead when products pass by at high speed. As a result, they do not enter the nozzle. This ensures permanently stable marking without additional cleaning effort.

Extremely adhesive inks – developed for the challenges of extrusion

One of the biggest challenges in marking cables, wires, hoses or pipes is reliable ink adhesion. Abrasion resistance, resistance to plasticizers and “transfer prints” – i.e. unwanted impressions on neighboring windings during spooling – are key considerations.

LEIBINGER develops its inks in its own in-house ink laboratory and produces them itself. With a portfolio of around 70 inks, the company offers the right solution for virtually every material and requirement. These include special inks for soft PVC, highly abrasion- and transfer-resistant formulations, and fast-drying inks for high-speed applications.

Special model for printing on dark substrates: JET RAPID PI

For dark substrates, pigmented inks are essential to ensure maximum contrast and permanently legible, standards-compliant marking.

The LEIBINGER JET RAPID PI is a CIJ system specifically developed for these requirements. Proven in the market for years, it is known for its exceptional reliability. Two components are crucial: first, the automatic nozzle seal, which reliably protects the ink at the printhead from drying out during pauses in printing; and second, the ink management system designed for pigmented inks. This system ensures consistently stable viscosity and uniform pigment dispersion through regular, automatic stirring of the ink in the tank – effectively preventing sedimentation and deposits, so that print quality remains consistently high. Both system components are unique in the CIJ market.

Sustainability and operating costs in focus

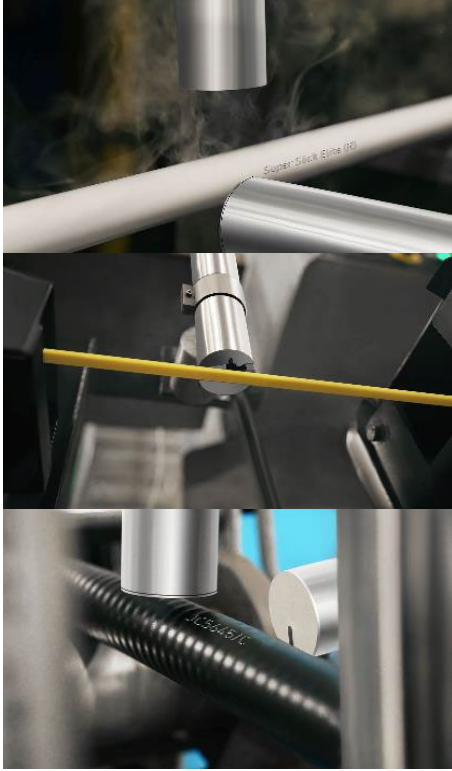
High energy efficiency and resource conservation are also key success factors in the cable industry. The LEIBINGER IQJET makes a tangible contribution here, offering optimized Total Cost of Ownership (TCO) with a strong focus on sustainability. The IQJET features an extremely low solvent consumption of just 2.7 ml per hour, compared to 6 to 10 ml for conventional competitive printers on the market. In addition, evaporated solvent is returned to the system. Its low power consumption of approximately 36 W further underlines the economic and ecological efficiency of the IQJET.




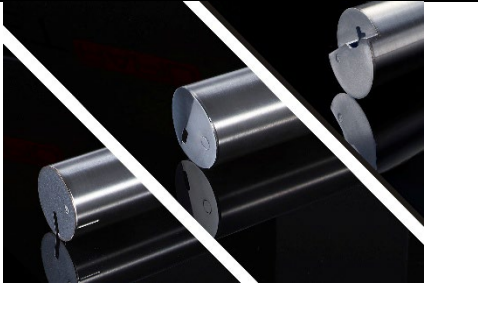

Experience LEIBINGER’s marking expertise for the cable industry live

Visit LEIBINGER at wire 2026 from April 13–17, 2026, in Hall 9, Booth 9F55 at Messe Düsseldorf and experience LEIBINGER printers live in action. LEIBINGER experts look forward to discussing specific applications, materials and process requirements with visitors – ideally over a freshly prepared cappuccino from a professional barista. A personalized give-away, printed live on site with a LEIBINGER CIJ printer, will round off the visit.

www.leibinger-group.com

Image captions:

	<p>Encore Wire marks various cables at its plant in Texas. The LEIBINGER JET RAPID WIRE can mark cables at speeds of up to 1000 m/min.</p> <p>Source: Paul Leibinger GmbH & Co. KG</p>
	<p>LEIBINGER JET RAPID WIRE in use in cable extrusion at Encore Wire – reliable, fast and precise at maximum production speeds.</p> <p>Source: Paul Leibinger GmbH & Co. KG</p>

	<p>“From LEIBINGER’s ink portfolio we defined an ink that guarantees superb abrasion-resistant adhesion on virtually all different materials, we use in our plant. LEIBINGER printers are also exceptionally reliable and need very little maintenance, especially in the production process.”</p>
	<p>Andreas Bachmann, Senior Manager - Process Engineering Plant Neustadt, Prysmian</p> <p>Source: Paul Leibinger GmbH & Co. KG</p>
	<p>The white specialty ink from LEIBINGER adheres excellently to Prysmian’s dark extrusion products.</p> <p>Source: Paul Leibinger GmbH & Co. KG</p>
	<p>CIJ technology is cost-effective, universally applicable, flexible and meets the challenges of the cable industry.</p>
	<p>Three printhead covers for maximum flexibility: “RAPID” for larger character heights, “Speed Plus” for high speeds on larger diameters, and “WIRE” for the smallest cables at up to 1000 m/min.</p> <p>Source: Paul Leibinger GmbH & Co. KG</p>
	<p>The stepped WIRE printhead cover allows the cable to be guided extremely close to the nozzle. Every millimeter of reduced distance ensures optimal print quality even at maximum speeds.</p> <p>Source: Paul Leibinger GmbH & Co. KG</p>

	<p>Contactless cable marking with specialty inks offering maximum adhesion.</p> <p>Source: Paul Leibinger GmbH & Co. KG</p>
	<p>Examples of printing on extrusion products using LEIBINGER CIJ printers.</p> <p>Source: Paul Leibinger GmbH & Co. KG</p>

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Please send a specimen copy to our marketing department upon publication.

About Paul Leibinger GmbH & Co. KG (LEIBINGER)

LEIBINGER is a global specialist in coding & marking systems with its headquarters in Tuttlingen (Baden-Württemberg), Germany. This third-generation family-run company founded in 1948 employs a payroll staff of around 350 employees. Its primary focus is on the development and production of industrial inkjet printers and inks for use in the marking and coding of products. The solutions created by LEIBINGER are defined by their high quality standards and their innovative technologies. As the inventor of a ground-breaking nozzle sealing technology that makes ink-based marking and coding systems significantly less susceptible to contamination, now with tens of thousands of installations worldwide, LEIBINGER is able to assure higher productivity in the production of food and industrially manufactured products. Through its subsidiaries in the USA and China and its global network of around 150 distribution partners, LEIBINGER is able to maintain a close relationship with its customers right around the world.