

# LEIBINGER EXPERTISE IN INKS.

After all, not all inks are created equal.  
Experience, Expertise, Variety.





**Coding & marking.  
It all comes down to the ink.**

It's a fact: not all inks are created equal. So, once you have opted for the best coding & marking technology from LEIBINGER, it is also decisive to match the ink perfectly to your application. The only way to achieve your goals is to ensure an ideal combination of factors such as a high line speed, good legibility, abrasion resistance, short drying times and adhesion to your product.

**LEIBINGER is not only a proven specialist in state-of-the-art coding & marking systems, we also have decades of experience in the development and production of high-quality inks.**

*Ch. Leibinger*  
Christina Leibinger, CEO Leibinger

## LEIBINGER. Proven expertise in ink.

LEIBINGER is a leading solution specialist in coding & marking. Whether for the consumer goods, food and beverage, automotive or extrusion, we are at home everywhere. Our highly experienced scientists work in our labs every day to further improve the performance of our inks and to develop new formulations. All targeted to a single goal: To provide you with the best possible combination of ink and marking technology. The LEIBINGER portfolio has an unmatched selection of ink types in a wide variety of colors. And this is a guarantee that we can supply you with the perfect ink for virtually any application. In our labs, we put the quality of LEIBINGER inks to the most stringent testing to ensure that they deliver exactly the outstanding performance our customers around the world have come to expect.

**We are only satisfied when you are.**

### HOW YOU BENEFIT:

- Expert advice
- Always the right solution
- Best possible printing results



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#### HOW YOU BENEFIT:

- Excellent ink performance
- Outstanding legibility
- Ideal adhesive properties

LEIBINGER.  
The ink specialist.

LEIBINGER offers an exceptionally wide selection of inks. No matter what you need to print, we have the right formulation. We combine specific ink properties and finetune them to your specific requirements – to ensure exactly the print results you are aiming for. We will be happy to help you find your perfect ink.

Mix and match our ink properties to suit your requirements.

**Quick-drying:** The inks usually dry within a second, thanks to fast-evaporating solvents and suitable resins.

**High-temperature-resistant:** The inks can withstand temperatures of up to 1'832°F (1,000°C) without evaporating, thanks to special color pigments.

**Light-resistant:** No UV-related fading or bleaching of the print, thanks to high-quality, UV-stable color pigments and dyes.

**Food-safe:** Inks with raw materials that are approved for direct contact with food.

**Food-grade:** Special inks that meet the directives and regulations for printing on food packaging.

**Thermochromic (color change):** When the ink changes color, the imprint indicates that the sterilization process has been carried out correctly.

**Sterilization-proof:** Inks for hot steam sterilization (retort/autoclave) without loss of contrast and adhesion.

**Fluorescent:** These prints are only visible under UV light.

**Plasticizer-resistant:** Special ink formulations make the ink resistant to leaking plasticizer, especially with PVC materials.

**Adhesive to films:** Excellent adhesion properties on films and plastics with low surface energy and "greasy" surfaces, such as PE.

**Condensate-resistant/washable:** These inks penetrate thin condensation layers and adhere well in spite of cooling and the moisture that develops. In the recycling process, the ink can be removed entirely using lye.

**Chemical-resistant:** Inks that are UV-curable develop a strong resistance to aggressive chemicals and solvents, such as alcohol, kerosene, gasoline, cleaning agents, etc.

**High-contrast:** Highly pigmented inks form an opaque, rich color application on dark surfaces and products, and guarantee the best legibility thanks to outstanding contrast.

**Environmentally friendly (green coding):** We offer low-odor, MEK-free and fast-drying inks, as well as inks with low VOC (volatile organic compound) levels. The cartridges are 100% recyclable.





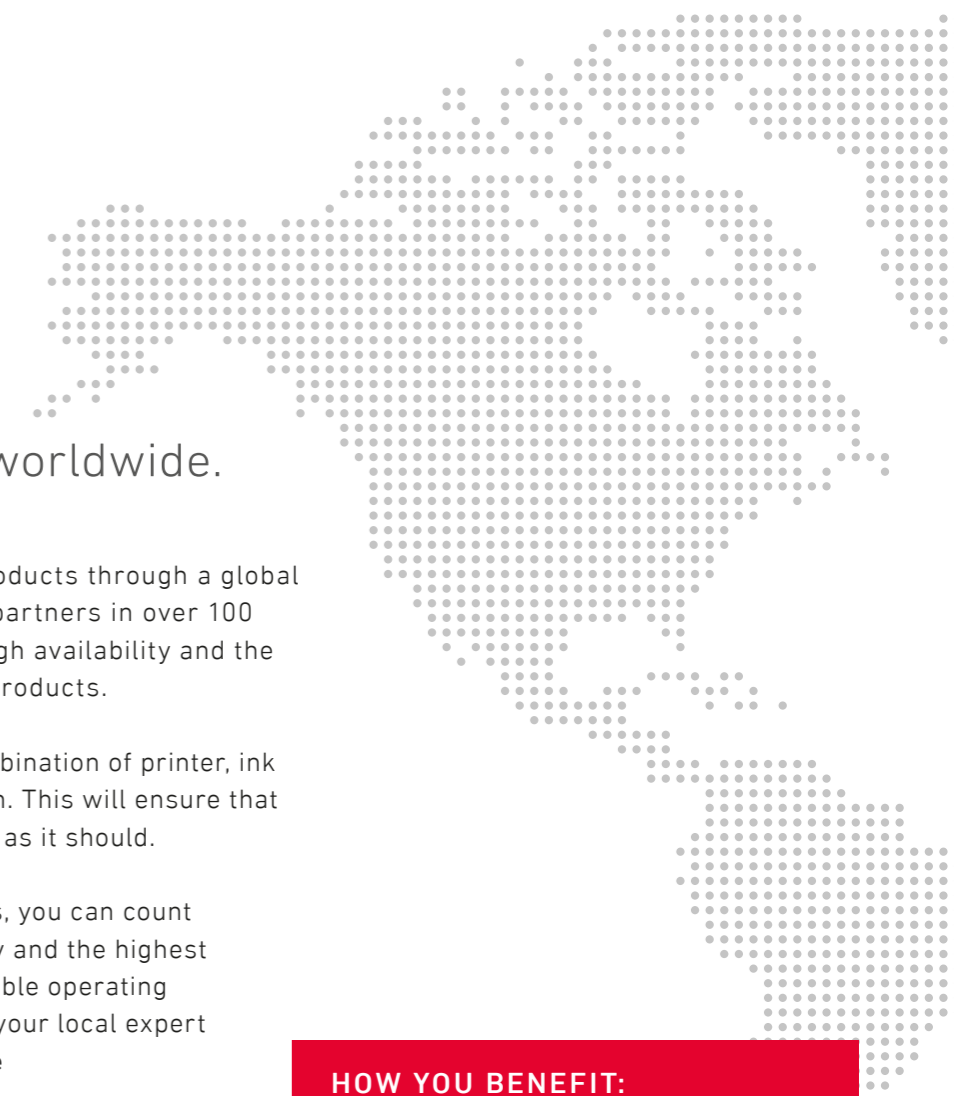
#### HOW YOU BENEFIT:

- Outstanding production performance
- Consistently high print quality
- Safe operation

## LEIBINGER. We produce our inks ourselves.

Every year, tens of thousands of liters of ink are produced and filled in our production facilities. State-of-the-art production standards, long-standing relationships with our raw material suppliers and the use of high-purity chemicals ensure consistently high quality at all times.

Continuous quality control using high-precision analytical instruments as well as ink and solvent storage that ensures 100% chemical stability are a given at LEIBINGER. You can count on our inks and solvents to achieve outstanding performance in your day-to-day production operations.



## LEIBINGER. Serving our customers worldwide.

LEIBINGER distributes its high-quality products through a global network of subsidiaries and full-service partners in over 100 countries. This enables us to guarantee high availability and the quickest possible delivery times for our products.

We will be happy to configure an ideal combination of printer, ink and solvent to suit your specific application. This will ensure that everything in your production runs exactly as it should.

With LEIBINGER coding & marking systems, you can count on always achieving maximum productivity and the highest possible print quality with the lowest possible operating costs. Get in touch with us directly or find your local expert on [www.leibinger-group.com/worldwide](http://www.leibinger-group.com/worldwide)

**We look forward to answering your questions and providing you with your best printing solution.**

### HOW YOU BENEFIT:

- Your personal contact person
- Exceptional, proven solution expertise
- Short delivery times

Competence Center EMEA, APAC

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