



Bizerba Labels & Consumables

Outstanding variety

Effective solutions

EST.

1983

Passion for labels

For more than thirty years we have been passionately developing and implementing high quality and individual label solutions. In Germany as well as at our international Bizerba L&C locations.

80
million m²

Worldwide at home

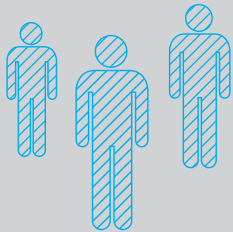
At our worldwide locations we manufacture our unusually wide-ranging solutions portfolio using more than 46 digital and conventional printing machines. We advise and reliably supply customers in more than 70 countries. From small businesses up to global players.

Every year, we manufacture 80 million m² of labels at our international locations.



350
Employees

We are proud of our broad pool of experience and outstanding expertise: Every day, more than 350 employees work on providing the best label solutions. We have profound knowledge of the properties of the most varied materials, manufacture our own laminate and master the most diverse printing technologies.



Benefit from our pool of experience, which is reflected in countless possible combinations. Our custom-fit label solutions have something in common: They are impressive due to best properties.

As an innovative solutions provider, today Bizerba is a globally leading specialist for labeling systems. In our intelligent network of hardware and software we have integrated a third component: the label. Our know-how enables us to offer you processes perfectly matched to each other for the best possible results from a single source. With our solutions we ensure that the right content is legibly printed on the correct label. And that the labels adhere perfectly to the products.

We offer a broad portfolio ranging from special papers and films with thermal-reactive surface up to linerless label material without backing paper. In the fresh food sector we are one of the largest label manufacturers in Europe. Worldwide we are a renowned and valued partner in retail and industry. Learn here about your options and the quality of our labels. We are happy to advise you on implementing your individual solution.



Several of our locations are certified, for example ISO 9001, ISO 14001, ISO 50001 or BRC. This again reflects on the quality of our labels.

Individual quality

Custom-fit printing processes

Our quality labels represented by Bizerba PremiumTop

Top material

- Surface protection
- Thermal coating
- Primer
- Base material: Paper or film
- Reverse side protection

Adhesive

Liner

- Release coating
- Backing material

For the production of our own laminate we draw from a broad spectrum that allows us to realize the right solution for your needs. Our laminate consists of three components: top material, adhesive and liner.

Top material

We offer you the matching top material of the best quality for your application: papers and films with the relevant matching surface treatments. Highly sensitive thermal coatings support the highest of print speeds. Top and back coatings protect from moisture and abrasion. Our primers allow optimal adhesion of the printing inks or variable imprint by means of thermal transfer ribbon.

Adhesive

The right selection is decisive whether a label optimally sticks to the product – even in the case of moisture, coldness or complex packaging surfaces. Our spectrum of permanent, removable and special deep-freeze adhesives contributes to your process reliability. And it is always tailored to the respective application method.

Liner

Our liners considerably contribute to an optimal label quality and ensure an optimal release on fully automatic labeling systems.



1 Flexo printing

This process has a very good price-performance ratio for the production of your labels. With flexo printing we produce medium to large-scale label print runs.

With this direct relief printing method the raised surface is noticeable. An anilox roll colors the relief plates with true color. By means of an impression cylinder they transfer the print image to the label. For each ink colour an individual printing plate is needed

2 Offset

The finest print resolution is the result of this procedure. Therefore, we use offset for the production of labels with very fine screen vignettes. It is particularly suitable for large-scale print runs.

Offset is an indirect planographic printing method. The flat printing plate consists of areas which are water absorbent or repellent. The ink only sticks to water-repellent areas. It is indirectly printed on the label via a blanket cylinder. Also here, for each color an individual printing plate is needed.


3 Digital printing

This digital solution offers you flexibility for the production of small amounts of labels. This method is also ideal for labels with a constantly varying print image since printing plates are not necessary.

For digital printing the print image is always created again. By means of an electrical charge, special colors are applied to a blanket cylinder and then printed on the label.

Thermal-direct paper labels

Thermal
direct
paper label



High quality printing with thermal-direct process at a print speed of up to 300 mm/s.

For more details www.bizerba.com

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Highlights

- Four different paper qualities
- Variably combinable with adhesives
- Outstanding protective properties (top coating) against moisture
- Based on the paper quality also printable in multiple colors and capable of being varnished
- Suitable for any thermal-direct application

Sample label colored

Top material: PremiumTop
Adhesive: Permanent
Printing method: Digital, 4 colors, thermal-direct imprint by means of Bizerba label printer GLPmaxx 80
Refinement: Lacquering of printed areas

Thermal
direct
paper label



High quality printing with thermal-direct process at a print speed of up to 300 mm/s.


For more details www.bizerba.com


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Sample label blank

Top material: PremiumTop
Adhesive: Permanent
Printing method: Digital, 1 color, thermal-direct imprint by means of Bizerba label printer GLPmaxx 80

Linerless






Linerless ⇕

Combines variable printing of all relevant information in thermal-direct process with an individual label length.

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Linerless ⇕

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Highlights

- Available in the retail standard widths 58 mm/2" or 80 mm/3"
- Gentle to the printhead due to special surfaces
- Pre-printable in multiple colors
- Practical end of roll marking possible
- Easy handling due to patented adhesive-free edge of 10 mm

Sample label

Top material: Linerless PremiumTop
Adhesive: Permanent
Printing method: Flexo, 1 or 2 colors

Thermal-direct film labels

Highlights

- White or transparent polypropylene labels
- Can be combined with permanent or deep-freeze adhesive
- Large variety of printing methods and customization options
- Excellent moisture protection
- For thermal printing speeds of up to 300 mm/s

Sample label transparent

Top material: Transparent thermal-direct film
Adhesive: Permanent
Printing method: Flexo, 4 + 1 colors, thermal-direct imprint by means of Bizerba label printer GLPmaxx 80
Refinement: Black mark

Transparent thermal label

Allows variable printing of all relevant information with thermal-direct process without covering the view onto the product content.

For more details www.bizerba.com

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Thermal direct film label

Tear-resistant and moisture-proof.
For variable printing with thermal-direct process. Preprint also in offset possible.

For more details www.bizerba.com

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Sample label white

Top material: White thermal-direct film
Adhesive: Permanent
Printing method: Offset, 1 color, thermal-direct imprint by means of Bizerba label printer GLPmaxx 80

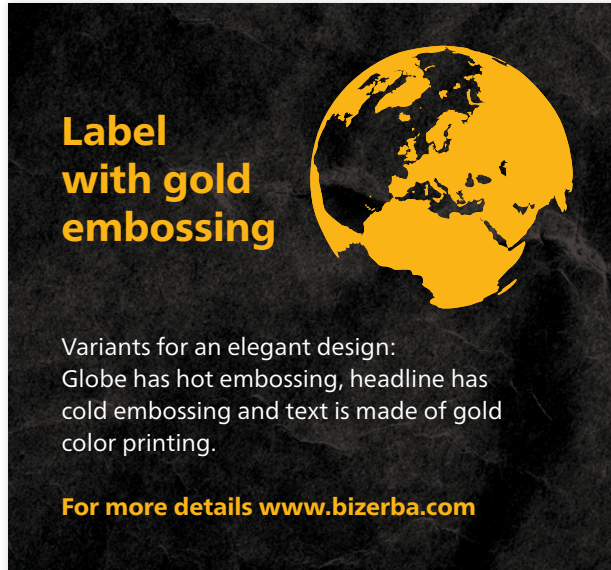


Decorative labels

Bizerba decorative labels are the right choice for a premium brand image. This elegant label solution is offered in the form of paper or film labels.

When developing and implementing your individual decorative label we keep an eye on all components: By using which laminate and printing procedure will we achieve the desired quality and function? And by means of which treatment do we achieve the desired

effect? Here again we have a broad repertoire in-house: Individual cutting dies, perforation and film lamination, partial varnish or varnish over the entire surface, hot or cold embossing – everything is possible. Get inspired by our examples.



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Label with gold embossing

Sample label gold

Top material: Chromolux paper
Adhesive: Permanent
Printing method: Digital, 4 colors
Refinement: Hot and cold embossing

Label with tear-off function

Sample label tear-off function

Top material: Chromolux paper
Adhesive: Permanent
Printing method: Flexo, 4 colors
Refinement: Perforation and partial adhesive deactivation



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Transparent film label with special die cutting

Sample label transparent

Top material: Film PP transparent
Adhesive: Permanent
Printing method: Digital, 5 + 1 colors
Refinement: Special die cutting and black mark



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Special labels

We always find (or invent) the right solution. Particularly when you have special requirements for your label. We have the specialist and technical know-how.

You are looking for a label that protects your product from theft? We have it. A label made of plant-based raw materials matching your sustainable image? Not a problem. Your

label should also stick reliably onto rough surfaces? Of course. You want to know what else we can do? Have fun reading the following pages.



Structure paper label

Structure paper label



High quality papers for optical and haptic highlights. Broad spectrum, combinable with color print and hot embossing.

For more details www.bizerba.com

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Highlights

- Broad range of structure papers
- Various adhesives with different adhesion
- Based on the paper also printable in multiple colors
- Discrete integration of technical components, e.g. RF and RFID tags

Sample label

Adhesive: Permanent
Printing method: Digital, 1 color
Refinement: Hot embossing



Organic film label

Inserts for contact with food

Highlights

- Bio-based polyethylene film (PE) consisting of at least 83 % of plant-based raw materials
- Flexible material, also ideally suitable for labeling squeezable bottles and other flexible containers
- Pre-printable in multiple colors
- Coating, embossing and further refinements possible



Highlights

- Need-based material variants:
 - White paper with a special adhesive for direct contact with food
 - Synthetic paper made of a mat coated PE film
- Certified quality:
 - ISEGA-certified for direct contact with food
 - Certified thermal-transfer ribbons are also available
- Outstanding thermal transfer printability



Sample label

Top material: Organic film PE85
Adhesive: Permanent
Printing method: Flexo, 3 colors

Sample label

Top material: Synthetic paper
Adhesive: Without
Printing method: Letterpress printing, 1 color*
Refinement: Special die cutting

*For direct contact with food we recommend as an alternative an imprint with food-grade certified thermal-transfer ribbons.

Food-safe labels



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Food-grade, made of water and grease resistant synthetic paper. Printable in thermal transfer process.

For more details www.bizerba.com

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RF label

Barcode label



Highlights

- Maximum protection by means of functional testing of all RF tags
- Since they consist of very thin material RF tags are almost invisible
- Flexible applications: RF tags can be attached under almost any product label
- Optimal printing with Bizerba labeling equipment and retail scales thanks to precise placement of the RF tags

Sample label

Top material: Coated paper
Adhesive: Permanent
Printing method: Digital, 4 colors
Refinement: RF tag



Highlights

- Various coding types
- Need-based number ranges
- Flexible combination of top material and adhesive
- Printing of texts and logos possible
- Outstanding print quality and reading accuracy
- Continuous printing and multiple printing of same codes possible

Sample label

Top material: Coated paper
Adhesive: Permanent
Printing method: Digital, 1 color
Refinement: Consecutive barcode

Multi-layer film label

Tire label

Highlights

- Up to three labels can be combined, one on top of the other
- Large selection of top materials and adhesives
- Wide variety of colors and cutting dies
- Convenient opening/peel corner possible as an option
- Resealable any number of times



Tire label

Non-adhesive border all around for minimal cleaning effort of the application devices. Printable by means of thermal transfer ribbon or ink-jet. Optimal adhesion on the most difficult surfaces.

For more details www.bizerba.com

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Multilayer film label



Triples the space for product and supplementary information. Resistant to water, grease and solvents.

For more details
www.bizerba.com



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Sample label

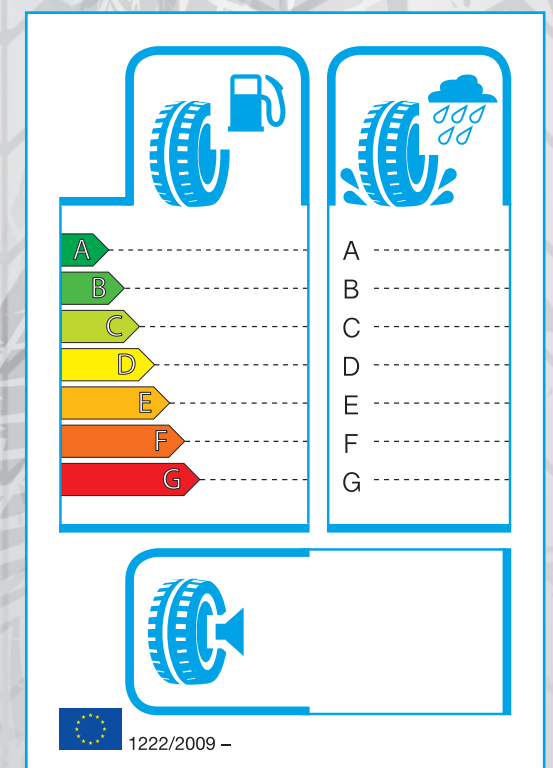
Top material: 2 x film PP white
Adhesive: Permanent
Printing method: Flexo, 6 colors
Refinement: Multi-layer with release varnish

Highlights

- Strongly sticking special adhesive, ideally suitable for critical surfaces
- All-around non-adhesive edge for clean processing
- Optional adhesion-free strip for easier removal
- Individual design

Sample label

Top material: Film PP white
Adhesive: Special
Printing method: Flexo, 4 colors
Refinement: Non-adhesive areas



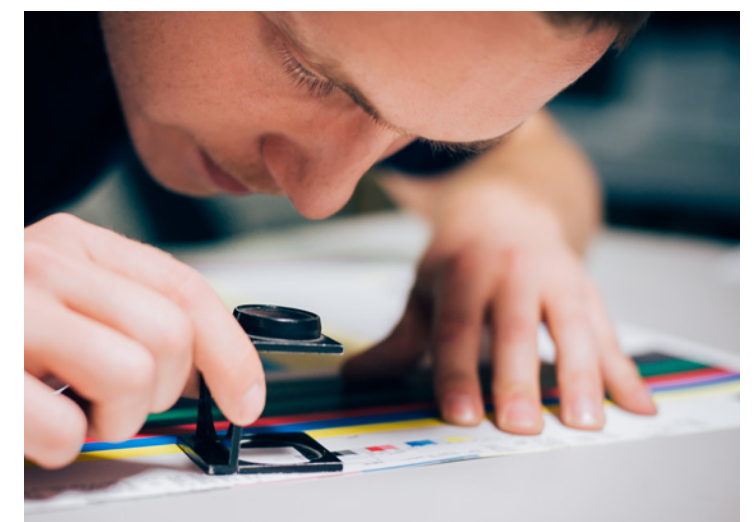


Everything from a single source

To quickly respond to our customers' needs our processes and services are perfectly positioned. We have it all under one roof: With our label management we help companies with efficient label handling. An example: For our customers we manage and store more than 1,500 different labels per year in our professional 2,000 m² high rack warehouse. This is plenty of space to have manufactured labels available as required. Even the entire pre-print stage is handled on site. For reprints of existing labels we use our litho archive. Minor changes can be made by our in-house department for reprography and the creation of printing plates. Special requests such as refinements are implemented by our in-house specialists. We are open to any challenge. This quality is also internationally understood and recognized.

Real-life conditions

Zero to four degrees and a humidity of 80 %. In this climate, even in a climate chamber, our label specialists develop the right label solution matching the product and the production. Coldness and humidity are adapted to individual requirements. We create real-life climatic conditions for our numerous customers who manufacture and package food. Here they test, for example, our recommended combination consisting of label, film and applicator for the packaging of fresh food products. An increasing number of national and international trading companies rely on our quality ranging from professional advice, an individually manufactured high-quality label up to our sophisticated warehousing



Short lead times for minor changes: Our in-house department for reprography and printing plate creation makes this possible.

Perfect interaction

We always have a complete overview. This allows us to be a partner who offers you a suitable solution for your label requirements. Always leading with Bizerba quality. Our labeling systems fulfill your label needs for retail or industrial in a timely manner. Whether as a stand-alone or integrated solution, whether it is a manual or automatic system – benefit from a best-possible labeling result. Our technology is matched to the properties of our Bizerba labels.

Example intelligent Plug-In® Label System: The innovative label controls and checks the labeling system. Autonomously and reliably. The key is the code on the back of the label. Through scanning, the labeler autonomously adapts to the individual product. It recognizes, among other things, package format, label and printing areas. Matching these parameters, the laminate and adhesive the system sets the optimal print speed. Perfect interaction for an optimal result.



For more on the networked functions of our digital labeling solution, please read here.



Service redefined My Bizerba



We offer you solutions from a single source which can be customized and allow you to respond to any change in a flexible manner. No matter which modules you are combining for your solution: You benefit from costs which can be planned and efficient processes. And in best Bizerba quality.

Products

- Hardware
- Software & Software Apps
- Labels & Consumables
- Cleaning & Care
- Spare & Wear Parts

Services

- Consulting
- Installation
- Maintenance
- On stand-by
- Financing
- Training

Contracts

- Service contracts
- Smart contracts, example General labeling contract: With this intelligent business model we provide you with state-of-the-art technology (hardware and software), we supply high quality Bizerba labels and we take care of the service. You only pay for the individually agreed label volume. Costs down. Success up. This is also My Bizerba.

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