

LABELS

Our experience for your products



LABELS - a maximum of possibilities



Automobile

The automotive industry has high requirements. Labels must be resistant to oil, chemical substances, colour fading, low and high temperatures, as well as being tear-resistant, adhesive or removable without residue.



Chemistry

Product, hazardous substance and safety labelling are equally important in the chemical industry. Different levels of resistance to external influences, such as friction, chemicals (acid, alkalis, solvents), grease and oil are required.



Electronics

We offer special labels for electronic components, devices and circuit boards. Whether a temperature-resistant name plate with a serial number or a durable and removable temporary label to identify a process, we have the solution.



Trade

We supply self-adhesive labels for versatile use in the retail trade and a wide range of paper labels on rolls, film labels and also special materials.



General industry

Labels are in use wherever production, sales, storage or shipping takes place. Individual solutions are available for all your requirements.



Food

Our labels are suitable for freezing, are moisture resistant and comply with the regulations of food law. The colours used must be food-safe and under no circumstances may colours or odours impair the packaged goods.



Logistics

Labels for the identification of goods, packaging, pallets, production processes and for shipping are indispensable in logistics.



Pharmaceuticals

Labels should convey information that is of great importance for doctors, pharmacists and patients.



Wood industry

We offer various solutions for different/difficult application areas such as rough and uneven surfaces or even dusty environments.

LABEL PRODUCTION - individual & high quality



WE HANDLE

- > Polyester
- > Polyethylene
- > Polypropylene
- > Coated and uncoated papers
- > PVC materials
- > Thermal materials
- > Deep-freeze materials
- > Sandwich labels
- > Carton materials
- > Safety films
- and many other materials

YOUR ADVANTAGES

- > High quality
- > Flexible Production
- > Large raw material stock
- > Optimally adjusted for further processing in thermal transfer printing

We produce product labels, name plates, inventory and identification labels and numerous other labels for our customers from a wide range of high-quality materials and printing processes.

Demands for high heat resistance for e.g. engine interiors or difficult substrates can be met thanks to decades of experience and cooperation with well-known film manufacturers.

Whether special effects, special shapes, special adhesive requirements (e.g. frozen goods or structured substrates), Carl Valentin has the solution for your requirements.

We produce adhesive labels and mono-materials from blank to 4-colour UV flexo printing on state of the art machines. The further processing to any desired packaging, together with a large raw material stock, creates the greatest quality and flexibility.



LABELS - for thermal transfer and direct thermal printing

- > Production on roll and fanfold
- > Production in various shapes and sizes
- > Numerous sizes of cutting dies for all customer requirements



Blank labels



Endless labels



Safety labels (white and silver)



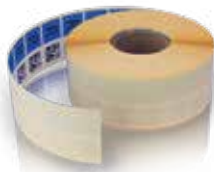
Deep-freeze labels



Non-transparent labels (opaque labels)



UL-certified labels (white and silver)



Special solution labels



Barcode labels



Numbered adhesive labels



Carton labels with control punching



Carton labels with connection hole



Opaque transparent adhesive labels with black mark



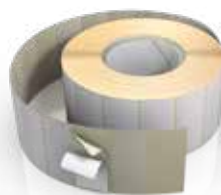
Coloured adhesive labels in various colours



Labels for hazard identification



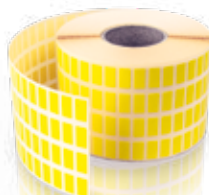
Labels with multiple splitting



Sandwich labels



Carton materials with/without Euro perforation



Multi-web labels



Labels with perforation

UL CERTIFICATION - Carl Valentin as certified UL repackager



Labels for export must comply with American and Canadian safety requirements. The UL mark (Underwriters Laboratories) is available for this purpose.

As a certified UL Repackager we offer a wide range of labels with „UL Recognized Component“ marks. UL listed raw material loses its UL status as a result of further processing, such as punching, cutting and packaging, and must be re-introduced via the so-called approved repackager and marked on the product with the UL recognized component mark.

The repackager verifies he processes only UL listed raw materials along the supply chain. Only companies that are registered as certified UL repackagers retain the UL certification of the raw material even after further processing to the end product.

Strict compliance with the UL criteria is verified by an annual audit by UL and thus guarantees permanent safety.

UL approval is registered with UL under the following product category:

PGJI 2/8 (Printing Materials - Component, 2 corresponds to USA, 8 stands for Canada)

End users can print blank labels for subsequent thermal transfer printing. The required thermal transfer ribbons must also have UL approval for the material.

The test results of our listed materials can be viewed in the UL online directory at <https://iq2.ulprospector.com> after registration with the UL file number **MH61146**.

We would be pleased to offer you individual label formats and the appropriate UL-certified thermal transfer ribbons for printing your labels.

CONTRACT PRINTING - entirely according to your needs



YOUR ADVANTAGES

- > No need to purchase label printers
- > No additional personnel necessary
- > No warehousing for labels and thermal transfer ribbons
- > Time saving thanks to ideal print images by professionals

We perform the subsequent, individual printing of blank and pre-printed labels for you on a contract printing basis. This involves using the thermal transfer process, such as printing the label roll with consecutive numbering.

We use state-of-the-art thermal transfer printers to print, for example, barcodes and 2D barcodes into your labels. To ensure the best possible printing result and durability of the print on your labels, we offer a wide range of thermal transfer ribbons.

The following procedure guarantees a smooth contract printing process:

- > Step 1
Coordination of label format, material and ribbon as well as texts, barcodes, logos etc.
- > Step 2
When printing barcodes, you provide us with the barcode content (e.g. txt, xls, csv, accdb) and we print exactly these barcodes.
- > Step 3
You will receive a galley proof by email for printing approval.
- > Step 4
We print and deliver your finished labels as quickly as possible.

TRANSFER RIBBONS - Perfectly coordinated quality

The required label must also include the matching print with the appropriate transfer ribbon. To achieve an optimum print image result, the printer, print head, label material and ink ribbon must be precisely matched. From our stock of over 20 different ribbon qualities, we have the optimum solution for a wide range of printer models and label materials to ensure consistently high print quality.

Standard (wax)

Wax quality ribbons are an inexpensive alternative and are suitable for all coated and uncoated paper surfaces. They are therefore ideal for shipping and logistics labels or for general product identification. The low melting point allows a high-contrast print with good blackness to be achieved with little energy. The smudge resistance of the print is acceptable, but there is no high scratch resistance or resistance to solvents.

Premium (wax/resin)

Just like the standard ribbons, the premium ribbon qualities are suitable for all paper surfaces as well as for film and plastic labels. Their good properties in smudge and scratch resistance make them ideally suited for high-quality and durable product marking and for logistics labels. Resistance to chemicals is limited.

Special (resin)

A resin ribbon is used wherever high smudge and scratch resistance is required. Their good resistance to chemicals, such as alcohol, motor oil or petrol, and heat resistance up to 250 °C make them ideally suited for high-quality and durable product marking with high standards in terms of resistance and durability.



		Quality		
		Wax	Wax-resin	Resin
Label material	Papier (uncoated)	✓✓✓	✓✓	—
	Papier (coated)	✓✓	✓✓✓	—
	PE	—	✓✓✓	✓✓
	PP	—	✓✓	✓✓✓
	PET	—	✓	✓✓✓
	PVC	—	✓	✓✓✓

— not recommended ✓ conditionally suitable ✓✓ suitable ✓✓✓ recommended

Your individual consultation:

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