



**robos
labels**

Labels with UL-certification for the North American market



**visions
made
viable**

Approved safety due to UL-certified labeling

What does UL mean?

The Underwriter Laboratories Inc. (short: UL) is an independent institute, which tests all kinds of goods for the North American/Canadian market out of public interest. UL helps companies to verify safety and compliance with regulations, to improve sustainability and to create transparency. Further services of UL include inter alia examination, consulting, monitoring, analytics and certification of labeling products.



Where will be the UL-certified labels used?

As soon as a product or device will be given to UL for certification, all the parts of the device will be examined – e.g. all labels and type plates as well. Here will be examined if the components, the device or the labels meet the predefined standards. These standards were partly developed by UL itself to be able to guarantee quality comparable worldwide. Moreover, UL examines also in accordance with foreign standards, like e.g. according to the norms of European or Asian area. Usually it is the matter of warning- or information labels, which contain information for the end-users. Also serial numbers, individual designs or coding will be often imprinted.

If the device and its components meet the norm, it receives an UL mark and stands then for examined safety. Here you have to distinguish an UL mark (American certification) and CUL mark (American and Canadian certification). For a CUL certifications the UL examines the labels in accordance with the norm by Canadian Standard Association (short: CSA C22.2 No. 01510).

What does UL 969 specification regulate?

The specification UL 969 „Standard for Marking & Labeling Systems“ defines the scope of application. It includes printed and plain labels, identification- and labeling systems equipped with adhesives as well as type plates and user manuals. In addition, the UL 969 regulates the requirements and testing methods for the consistency of label materials, the printing process, the temperature resistance of a label, the adhering power on different substrates, the possibility of thermal transfer printing as well as the overall construction of the label.

For new certifications UL adheres labels to application-typical testing surfaces and exposes them to different loads. This serves to win statements about the resilience and legibility of the printed information. The legibility of the print image is in priority, because there are often safety related notes on the labels or type plates.

Which applications are there?

Repackaged Recognized Components:

Robos-labels produces plain labels from materials, which are UL-certified by the manufacturer.

Marking und Labeling System/Printing Materials:

Robos-labels delivers finished printed labels, which either will be subsequently imprinted or not by the customer. Here the UL-certified combinations of materials by robos-labels will be used.

Authorized Label Suppliers Program:

Robos-labels delivers finished printed labels with UL mark, which shows that the acquired product was examined by UL. The label material must self-destruct when removed as a part of plagiarism protection.

How can robos-labels help you?

The UL labeling in compliance with legal regulations is very complex and requires lots of explanation due to the different programs and their requirements and regulations. We construct and produce UL-certified labels since 1993. Along with 21 own certificates we also have the respective experience to offer you the best solution for your UL-labeling problem. Moreover, we process almost 100 materials pre-certified by the manufacturers. Due to this wide scope you can usually draw fast on our standard solutions.

Application programs of UL- and CUL-labeling

UL offers four general application programs:



Program:

Repackaged Recognized Components

UL File: E346480
TEOU2/TEOU8

Robos-labels produces plain labels, which will be imprinted by customer.

Description

This program evaluates the physical performance of the raw materials of the label in accordance with ANSI/UL 969

Initiator

Initiator of the UL-certification for the respective label material is the distributor of raw materials like e.g. Avery, 3M, Flexcon etc.



Robos-labels produces plain customized labels, which will be imprinted at customers' with thermal transfer printing (TTR). These are often labels with caution notes for the end customer or with imprinted serial numbers etc. Here those materials will be used, which have already been UL-inspected and certified in the combination with the corresponding TTR ribbon by the material producer. We currently have almost 100 already pre-certified materials in action, which allows us to cover a wide range of requirements. You can get information about the certified TTR-ribbons from your customer consultant at robos-labels.



Program:

Marking und Labeling System

UL File: MH26028
PGDQ2/PGDQ8

Robos-labels delivers finished printed labels and warning signs, which will not be imprinted/refined by customer.

Description

This program evaluates the physical performance of the raw materials of the label in accordance with ANSI/UL 969

Initiator

Initiator of the UL-certification is the label manufacturer



Robos-labels delivers finished printed labels and warning signs, which will not be further imprinted at customers'. These are usually labels with caution notes for the end-user as well as with individual design and coding. An additional printing at the end-customers' must not be applied. The special aspect about it is that UL has inspected and certified the processing steps of our own combinations of materials.



Program:

Marking und Labeling System - Printing Materials

UL File: MH48629
PGJI2/PGJI8

Robos-labels delivers imprinted labels and warning signs, which will be imprinted with variable data by customer.

Description

This program evaluates the physical performance of the raw materials of the label in accordance with ANSI/UL 969

Initiator

Initiator of the UL-certification is the label manufacturer



Robos-labels delivers printed labels and plates, which will be subsequently imprinted at customers' with variable data. These are often labels with caution notes for the end-user. The special aspect about it is that UL has inspected and certified the processing steps of our own combinations of materials. In addition, there is the examination of the TTR-ribbons by UL, which are exactly recorded and described in the respective certifications.



Program:

Authorized Label Suppliers Program

UL File: LP4017
PGAA

Robos-labels delivers finished printed labels and warning signs with imprinted UL mark, which indicates that the acquired product has been inspected by UL.

Description

This program deals with the printing and/or assignation of the UL mark. Order-related approval by the label center must be made.

Initiator

Initiator of the order-related UL-certification is the label manufacturer in connection with a customer and the UL label center.



Robos-labels delivers finished printed labels and warning signs with imprinted UL mark, which assigns that the acquired product has been inspected by UL. The goal is to protect the integrity of the UL-certification and UL mark. Contrary to the three previous categories, the primary goal is not to provide the end-customer with caution notes. The labels shall indicate to the end consumer that the device is certified by UL. For this kind of labels UL does not prescribe any materials, printing methods or resistances.

Our portfolio of materials for UL-certified labels in programs Marking und Labeling System/Printing Materials



Since 1993 robos-labels constructs and produces labeling products certified by UL. This way a wide material- and product portfolio was developed during last 25 years, which we can draw on for our customers any-time. Our portfolio of own UL combinations includes silkscreen and digital printing solutions, because not only sustainability, but also the desire for serialization/personalization becomes more and more important.

Along with the desired UL-application program, the choice of suitable label materials always orients at the substrate which has to be labeled as well as at the required temperature sustainability.

Our standard product range includes almost 100 different materials pre-certified by the suppliers.

Our standard range of certificates includes 21 UL certifications which will be produced in digital printing (ROPET) or in silk screen (Robosfilm). Both producing methods allow for an optimum printing results in accordance with the requirements of your desired printing motifs.

With this wide-spread standard UL-portfolio we can cover numerous UL-labeling requirements. If we don't have a ready suitable solution for your requirements, we will be glad to find a new materials combination together with you and we will also take care of the support and coordination of the new UL-certification.

For reasons of clarity we have sectioned our UL-certifications in four categories depending on the materials:

Materials category 1:

Labels without laminate

- ROPETwhite
- ROPET silver
- ROPETtrans
- Robosfilm silver
- Robosfilm white
- Robosfilm white 02

Materials category 2:

Labels with glossy laminate

- ROPETgloss white
- ROPETgloss silver
- ROPETgloss trans
- Robosfilm gloss trans
- Robosfilm white ex
- Robosfilm silver ex

Materials category 3:

Labels with matte laminate

- ROPETmatt white
- ROPETmatt silver
- ROPETmatt trans
- Robosfilm matt white
- Robosfilm matt white 02

Materials category 4:

Labels with matte scratch-resistant laminate

- ROPETmatt white scratchresist
- ROPETmatt silver scratchresist
- ROPETmatt trans scratchresist
- Robosfilm matt white scratchresist



Managing directors Daniel Sugg and Simon Reuter.



Our site "Im Moldengraben" unites administration and production.

This is why you are in good hands with robos-labels:

Robos-labels employs 100 staff members. The company site is located in the close proximity to Stuttgart, where in the beginning of 2018 the administration and the production were united in a modern new building. Robos-labels was founded in the year 1960 – meanwhile robos-labels has over twenty modern printing- and processing machines. Alongside to the classical printing methods like silkscreen and flexo printing, mostly modern digital printing methods will be

used. In addition, there are an all-automatic video control system as well as two booklet plants and a laser die-cutter.

During the last years robos-labels particularly specialized in the production of high-performance labels for the Technical and the Chemical Industry, Automotive and Medical technology and delivers to the customers in more than 30 countries of the world.



Advantages at a glance

Specializing in UL Recognized Labels for the North American market

- Since 1993 robos is a producer of the UL-certified labels and entitled to print any type of UL marks on the labels (see Authorized Label Supplier Program PGAA).
- UL is a worldwide acknowledged institute and system, its requirements and inspections emphasize on integrity and safety.
- Our labels fulfill the requirements of the UL 969 "Standard for Safety for Marking & Labeling" as well as CSA 22.2
- Labels with UL certification are available with variable data printing and in wide color range.
- Robos-labels has 21 own UL certifications for in- and outdoors, which often allows you to avoid a time- and cost-intensive new certification.

Your experienced partner for tailor-made Labeling with special requirements

- 3M-certified processor
 - Listing in the International Material Data System (IMDS)
 - Robos-labels has an EDI-link.
 - Since 1996 the company is certified in accordance to ISO 9001:2015 / since 2009 in accordance to ISO 14001:2015.
 - Robos-labels is an A-supplier of numerous notable industrial companies.
 - We offer you solutions tailored to your needs.
 - Delivery on rolls or sheets with removing aids like e.g. flaps and slits on the reverse side are possible.
- Our **sample service** will be happy to send you labels and material samples free of charge and without obligation. Email: request@robos-labels.com



3M

Zertifizierter Verarbeiter
Kennzeichnungsprodukte



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Our sampling service for you:

We will be happy to send you label- and material samples tailored to you without any obligations: request@robos-labels.com

We are looking forward to your call!

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