

## Your badge?

### Design your badge

We've been making classic badges since 2001. We are determined to fulfill all your wishes. Nothing is impossible. We offer excellent service, high quality, good cost effectiveness, and we deliver worldwide. You have a contact person in English, German, French, Spanish or Italian. We offer a large selection of different leather cases with the badges and many beautiful wooden versions. Our selection does not leave any wishes unsatisfied.

All our badges are compatible with our range of leather cases. (One badge fits all of our wallets).

We produce all variants of badges according to your wishes and individual taste. Simply send us your request or the concept of your badge. We will then place the following resources at your disposition for the badge you want. **See point 2 “design badge”.**

Set your font to “arial or goudyHvyface Cn BT” and select the colour of the badge, gold or matt silver. Label the empty banners. Add your logo in the editor and send us the information about the logo as a photograph, sketch or a drawing. We also require the exact colour specifications (pantone designation) for your badge. In case you don't find the badge you want under the samplesour graphic designer will be glad to assist you.



**You will find further ideas on our homepage under the category (References).**

- Deposit fee of CHF 500.- for placing of order. From 50 items this amount, CHF 500.- will be credited fully against your final invoice. We will begin our work with the graphics after we receive the deposit fee of CHF 500.-
- A minimum order of 50 items is required otherwise we will charge CHF 500.-for processing / tool costs.
- We also make individual pieces of course. Please ask for an estimate.

## Example order / Production steps:

### Step 1.

Send us a sample photo, drawing or sketch and a description with colour indications.

### Step 2.

Our graphic designer will then prepare a true to scale template according to your indications.

We change the graphic after making the first draft until you are satisfied and make a maximum of three adaptations.

### Step 3.

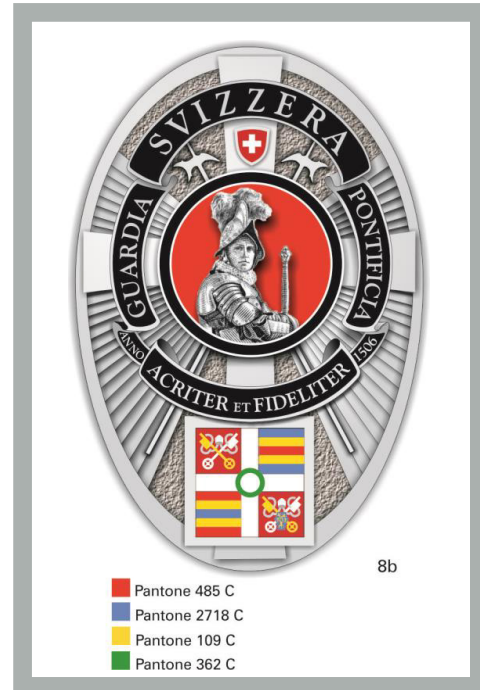
After the template is ready we prepare the embossing tool. This is the template for carrying out your entire order. The embossing tool remains with us after production but will be kept for possible future orders.

### Step 4.

After the embossing and stamping out with the hydraulic press, the mounting bracket is attached the back and the colour “Enamel” is filled in as well. Afterwards the parts being worked on are cleaned and the surface is finished (polished).

### Step 5.

If you wish you can have your entire order individually engraved. To achieve this we keep a banner space free when we prepare the graphic which can be engraved with your name, rank, etc using a laser or CNC after the badge is finished. You can select between the font colour (black and dark blue) and typeface (block and roman).



## Badge / Material:

**COLOURS:** shiny gold or matt silver

**MATERIAL:** zinc- aluminium alloy with brass and iron

**FORMAT:** oval: 2 millimeters thick, 82.5 millimetres high, 55.5 millimetres wide

**WEIGHT:** 48 grams respectively 54 grams with a fastening clip.

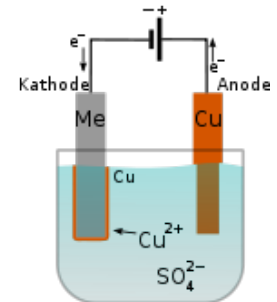


## Electroplating

By electroplating we mean the electrochemical separation of metallic deposits (coatings) on objects.

The history of electroplating can be traced back to the Italian physician Luigi Galvani, who discovered galvanism on 6 November 1780. Galvanism was named after him. Galvanic copper plating of a metal (Me) in a copper sulphate bath. In galvanism electricity is sent through an electrolytic bath. The metal to be used (copper or nickel) is located at the positive pole (anode) and the object being plated at the negative pole (cathode). The electric current removes metal ions from the sacrificial anode and deposits them through reduction on the object. Thus the object being finished is coated evenly on all sides with copper or another metal. The longer the object remains in the bath and the higher the electric current is, the stronger the metal coating will be (e.g. copper coating).

Technically speaking a difference is made between galvanoplastic (also called electroforming), the electrolytic production of metallic objects, and galvanostegie (electroplating), which is the production of metallic coatings. The term galvanostegie has been replaced today almost entirely by theater electroplating. Electroforming has also been partly forgotten because less and less equestrian statues were needed but has experienced a small renaissance in connection with microsystems technology, namely micro electroforming, also called lithographic-galvanic moulding techniques.



Another use of electroforming is in mould design and construction of injection moulding of plastics.

## Quality control

Quality control occupies a very important role in electroplating. This covers the constant analysis of the bath parameters, like acid and metal content, control of the appearance and colour of the layers, layer thickness measurement through X-Ray fluorescence, ultrasound, eddy current method, and removal method. The inspection of the raw material is also included.

Furthermore we can also check: surface roughness, hardness, adhesion strength and ductility of the coating, surface defects (e.g. pores, cracks) and checking of the corrosion resistance by means of a salt spray test, condensation water climate, corrocote-test, CASS (COPPER ACCELERATED SALT SPRAY) test (acetic acid-salt solution). The electrochemical characteristics of the electrolyte can be evaluated using practice tests (e.g. Hull cells) or comparative measurements (Haring-Blum cellular cyclic voltammetry).

## Use of the editor

You have the possibility to design various badges on our web page. You can thereby create and order individual badges. This service is completely free for you and is being extended with products for you. The loading time can depend on your internet connection and usage of your server. The colour values shown by the editor can be slightly different from the original. After you send a modified badge a picture of the badge will be generated. This picture can be used as a template for further specifications or can send us the final design or order the badge right away.

## Requirements

In order to use the editor you have to have an Adobe-Flash player. This can be downloaded for free from [www.adobe.com](http://www.adobe.com). For further information, please contact us. We would be very pleased to count amongst our extensive clientele .



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