

In this flyer we want to give you an overview of our products regarding anodising technology. Unless otherwise noted prices include German VAT (19%). No responsibility is taken for the correctness of the details provided.

An complete introduction in anodising, further technical informations, our data sheets, our online shop and our forum can be found on our internet site <http://www.electronic-things.de>

Anodising dyes for dipping baths

These dyes are simply mixed in water and are used to colorize whole parts. The needed quantity is 0,05g to 10g per litre and 2 to 10g per square meter. This depends on the used dye and wished saturation.

Granulate/Powder:

Deep black, Red, Branding red, Wine red, Yellow, Green, Blue, Violet, Orange, Gold, Copper, Genuine bronze, Bronze/titanium, Brown/ochre, Olive brown/titanium



10g ... € 7,15
50g ... € 30,75
100g ... € 54,50

Liquid dye:

Turquoise, Grey 20g ... € 13,15
50g ... € 30,75
100g ... € 54,50

You need larger quantities? No problem - please feel free to ask us directly. We will give you discount.

Printing inks for multicolor labelling and printing

Our pastes are also used for coloring anodising layers. In contrast to our granulates after drying these inks are water-insoluble. So you are able to create labels, color transitions etc. This pastes can be used with brushes, silk screen printing, pad printing and airbrushing. Additional features:



- All inks are mixable
- All inks can be dyed over
- Can be used to protect parts of the surface (e.g. other metals like iron)
- You can adjust saturation of all inks using the colourless paste
- With our diluter you can adjust viscosity in a wide range (e.g. for airbrushing).

Deliverable printing inks:

Colourless, Black, Red, Yellow, Green, Blue, Turquoise

15g ... € 9,95
50g ... € 29,95
100g ... € 52,95

Diluter for inks

100ml ... € 13,95
250ml ... € 26,95

If you need larger quantities please feel free to ask us!

Chemical additives for anodising

For perfect results we offer some additives widely used in anodising industries. All additives are simple to use and result in a high quality anodised surfaces:

Cleaning agent for aluminium

This additive was developed especially for final cleaning of aluminium before anodizing. It conserves (unlike sodium hydroxide, NaOH) the surface aspect of your parts and gives you determined exposure times without monitoring. Dosage: 30-50g/litre

250g ... € 11,95

Sealing salt

This salt in powder form prevent parts from bleeding during the first minutes of sealing by instantly closing the pores of the anodized layer. Further it improves quality, light and weather fastness of the layer. When operating on a single step sealing please use this additive. Dosage: 5g/litre

80g ... € 13,95

Sealing solution

This liquid additive improves the final sealing by setting the correct pH-value and prevents the parts from unwished sealing layers. Should be used when performing a dual step sealing.

Dosage: 2-3ml/litre 100ml ... € 11,95
250ml ... € 19,95

Conservation additive

This additive prevents your dye baths from pollution with bacteria, yeast and fungi. Dosage: 0,2ml/litre

30ml ... € 10,95

Hard anodising additive

Improves the layer creation even at higher acid temperatures and results to a thicker and harder layer. It let you hard anodise your parts in a normal acid bath without an expensive high voltage power source. Dosage: 20ml/litre

250ml ... € 16,95

Buffer additive

To enlarge the lifetime of your dyes and to get a perfect dyeing we recommend this additive. It keeps the pH-value constant in the optimum range - even when acid is introduced in the baths.

Dosage: 10g/litre (+ 2ml acetic acid 25%)
250g ... € 11,95

Foam additive

Prevents your anodising bath via a chemical foam from generating corrosive spray and oxyhydrogen deflagrations. Further the foam fixes dust and dirt and advances a smooth oxydation process.

Dosage: 0,05ml/litre
30ml ... € 10,75

Additional accessories

Titanium wire (diameter 1,5mm)

Titanium is absolutely resistant in diluted sulfuric acid. So it is the material the industry uses when anodising. We offer you highly pure titanium for perfect contacts of your work pieces:

- Titanium wire 1,5mm and 2mm in any length
- Screws M3, M4, M5, M6, M8 (DIN912)
- Hex nuts M3, M4, M5, M6, M8 (DIN934)
- Washers
- Titanium rods 3mm, 4mm, 5mm, 6mm
- Titanium sheet 1mm
- Titanium mesh sheet 1mm

Dosage set

For an exact dosage of our liquid dyes and additives you can order this set (consisting of an injection and fitting needle) for free!

Set ... € 0,00

Shipping costs

Minimum order value is € 10,00.

To Germany we ship for free!

For shipping to foreign countries please add the following shipping costs:

European union: < 500g: € 4,80
< 1kg: € 9,20
< 2kg: € 11,00

We ship to **Switzerland** without VAT (Swiss bank account in CHF is available).

For shipping to **other countries** please feel free to ask us.

If shipping weight is higher than the weights above or for VAT free delivery we will inform you of additional costs.

If you have further questions please feel free to ask us:

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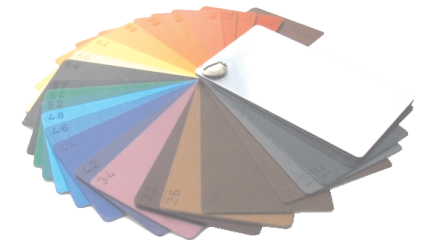
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Hours of business:
Mo-Fr: 9.00-13.00 and 14.00-19.00
Sa: 10.00-13.00 (all times in CET)



Electronic Thingsks

Anodising technology • Energy systems
Microelectronics • System software



Dyes, chemicals and accessories for anodising of aluminium

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