



Polychromal
PRODUCTS

ALL IN ALUMINIUM

EVERYTHING IN ALUMINIUM

Polychromal Products is an innovative manufacturer of anodised aluminium base plates, printing inks, chemicals, accessories and equipment. As part of Polychromal, the specialists in the graphical and mechanical processing of aluminium since 1965, we can boast broad knowledge and experience. That's something we put at the service of our global customer base every day. Please feel free to get acquainted with our products as well as our expertise in signage and nameplates, metallic labels and front plates.

In a state-of-the-art anodising line, conforming to the most up-to-date environmental and quality requirements, various kinds of aluminium base plates are produced. We are thus able to achieve consistently high quality and to manufacture in a way that is environmentally conscious and sustainable. Each anodised layer is applied with down-to-the-micron precision for perfect results in digital printing, screen printing, engraving and photomechanical processing. Strong colours, resistant to both wear and environment, are anchored into the material.

Because we ourselves use all our equipment and raw materials, we are acquainted with the most varied uses for each printing technique. This we are happy to pass on to you. Polychromal Products is thus more than just a supplier. We are a professional and service-oriented partner.

Polychromal Products: All in Aluminium.

Eric Hensen
Stephan Hensen





THE MODERN ANODISING LINE OF POLYCHROMAL PRODUCTS

- Constant high quality
- Guaranteed shelf life for base material
- Available in high gloss, satin and matt
- A variety of colours
- Various thicknesses of material and anodising layers
- Recyclable ♻️

TOP QUALITY WITH THE DSE-ALUPRINTER

Combined with the DSE-Aluprinter and DuraColour printing inks developed by Polychromal Products, DuraSeal and DuraPor base plates ensure unparalleled digital print quality, and a user-friendly as well as a labour- and cost-saving process. Perfect for personalised plates, one-off pieces, small and medium-sized print runs, ascending numbering and high resolution images.



EVERYTHING FOR DIGITAL PRINTING



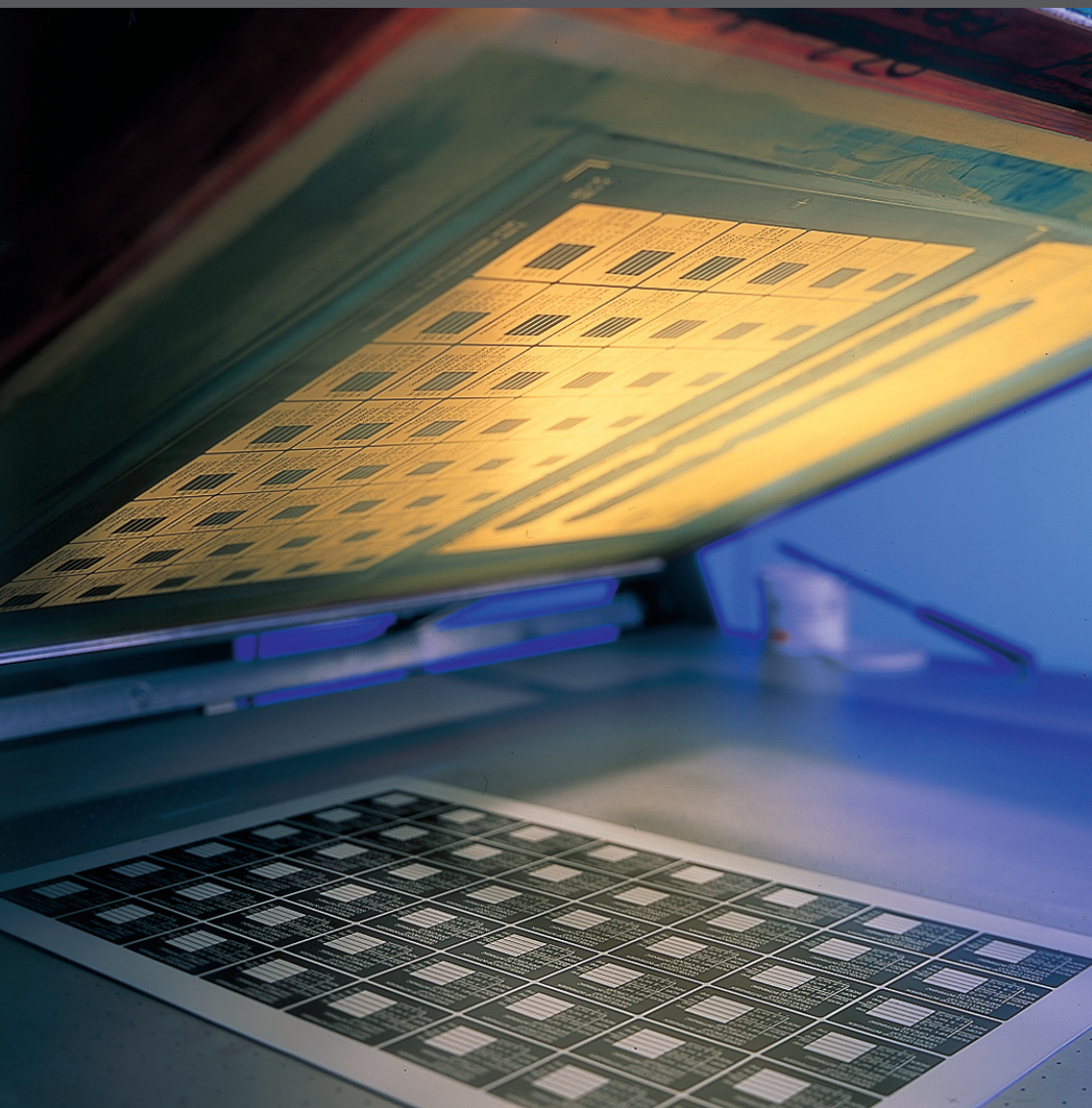
With digital print technology, a world of possibilities opens up. Transferring colourful pictures or personalised signs to aluminium involves nothing more than issuing a print instruction from your computer. It couldn't be faster or easier.

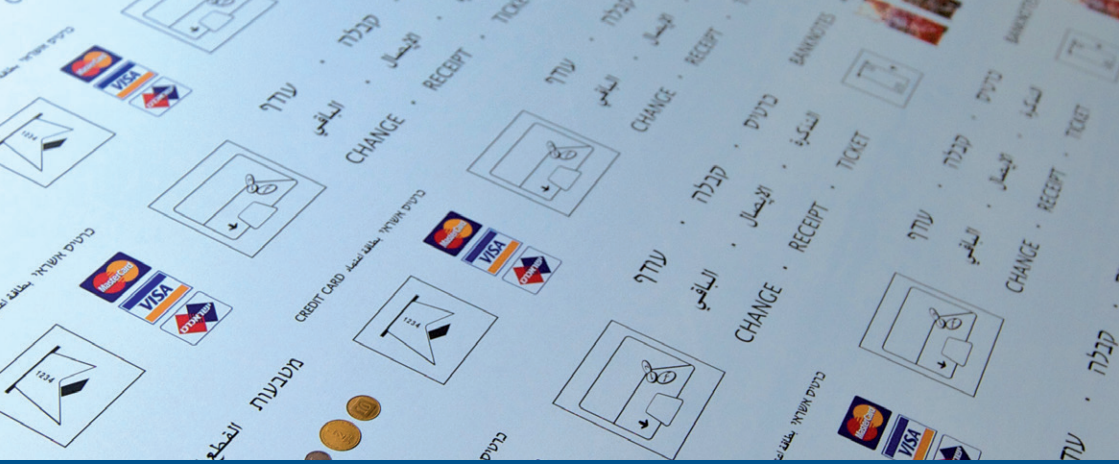
Polychromal's DuraSeal and DuraPor aluminium base plates are ideal for digital printing. Together with high quality DuraColour printing inks, these plates deliver razor-sharp details, even solid areas, and blended colour gradations. The base plates are available in a variety of material and anodised layer thicknesses and are provided with various surface structures. DuraPor base plates are suitable for every aluminium printer.



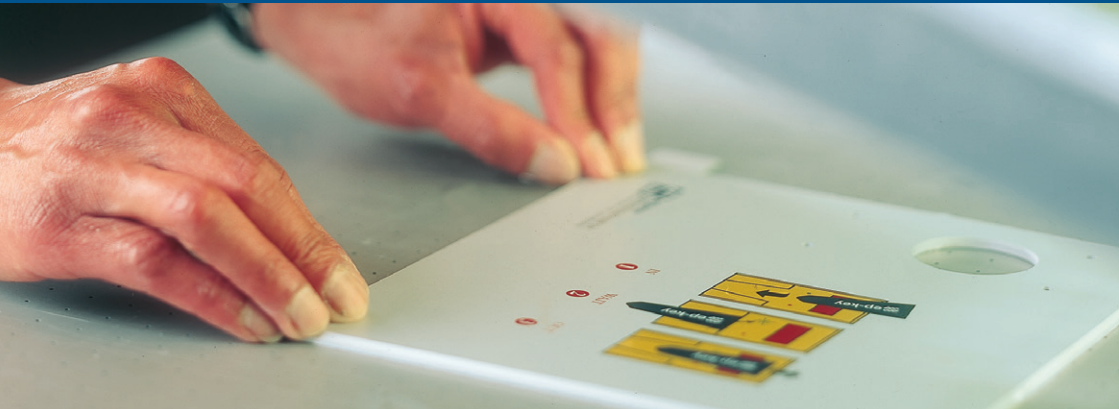
EVERYTHING FOR SCREEN PRINTING

For razor-sharp images and texts in silkscreen, DuraSeal base plates are the favourite with manufacturers of industrial nameplates, metallic labels and front plates.





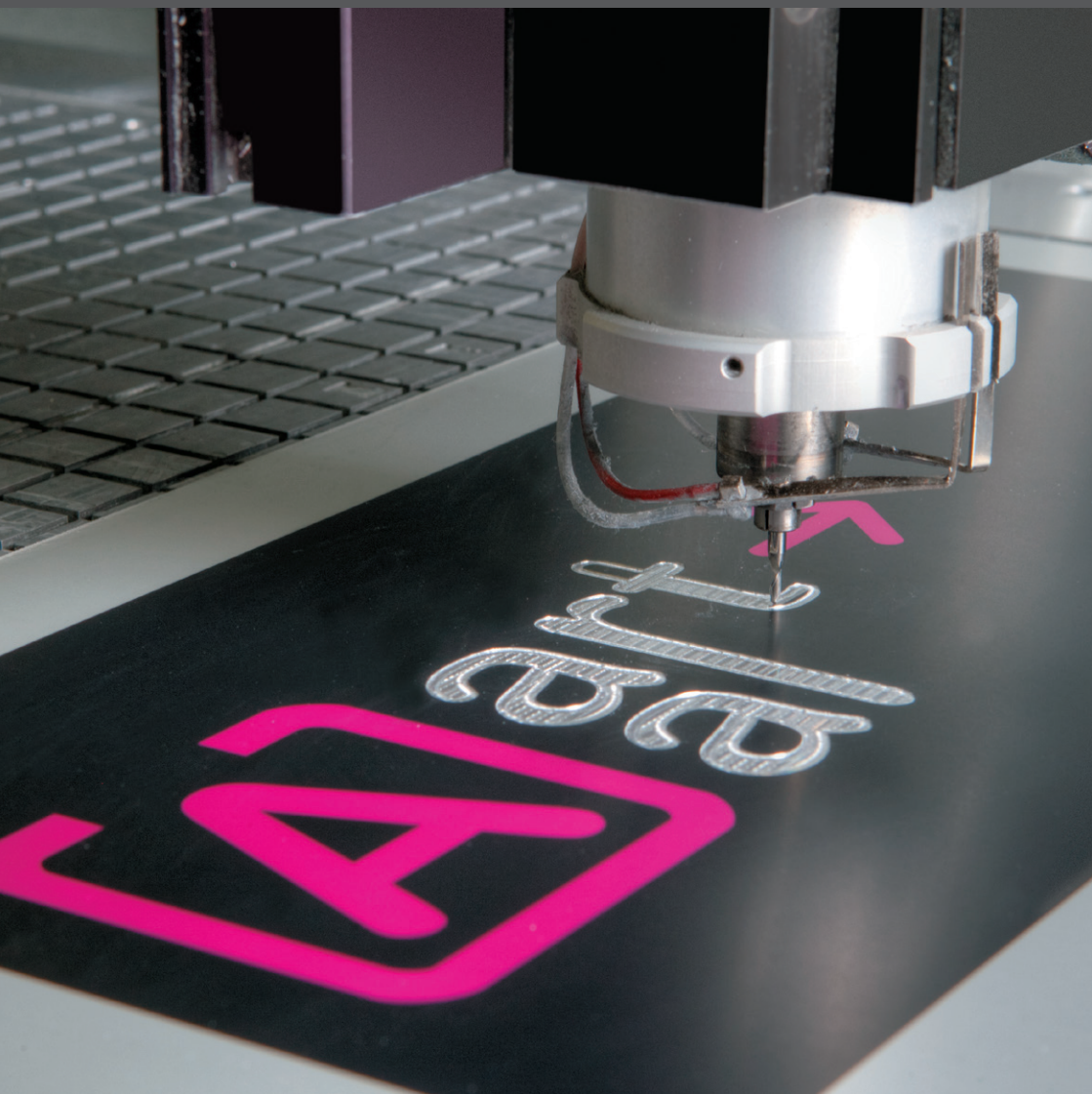
SCREEN PRINTING IN DURASEAL SHEETS



DuraSeal base plates are also suitable for the production of medium and large series. The plates are available with different anodising layer thicknesses, depending on the application. In combination with the highly concentrated PoroPrint silkscreen pastes, you always get an even, durable, colourfast result.

EVERYTHING FOR PHOTOGRAPHIC PRINTING, ENGRAVING AND LASER MARKING

ENGRAVING A GRAFLASH BASE PLATE



Toverco
Combustion
Systems®

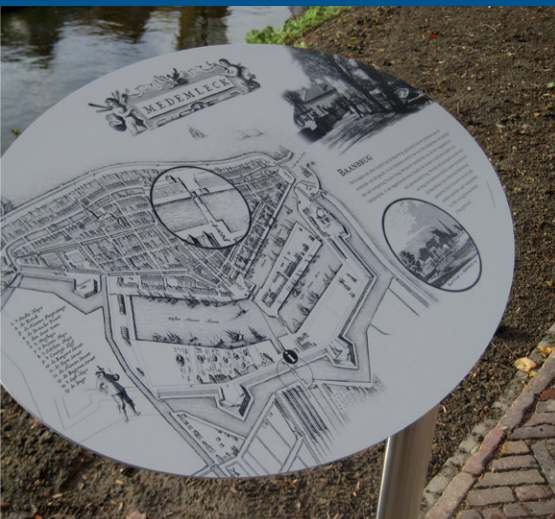


g in Machinery

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For printing text and images, whether as single copies or in small runs, photographic printing using CopyPhot base plates and CopyColour printing inks is an affordable alternative. For razor-sharp engraving and laser marking, Polychromal Products offers GraFlash aluminium base plates.



Photographic printing

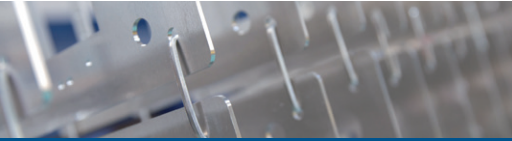
The CopyPhot system makes it easy to produce unique pieces of work or small runs. These plates are provided with a photosensitive emulsion. By means of this, images and texts can be copied with hairline precision onto the anodic layer. Colouring is applied using our CopyColour printing inks with a professional and sustainable final result.

Engraving and Laser marking

For engraving and laser marking, GraFlash base plates are available in a variety of colours and surface structures. The engraved text or image acquires the colour of the untreated aluminium. The engraved parts can also be inlaid with a colour lacquer. GraFlash aluminium base plates can be stored indefinitely and are strong for an indelible result in memorial plaques, stylish nameplates or engraved labels.



EVERYTHING IN ACCESSORIES, EQUIPMENT AND SERVICE



Polychromal Products offers a complete range of accessories and machines to support your printing processes. To that we add customised service.

Accessories and equipment

Our accessories and machines help you towards optimal results with an efficient working method. Have a look at www.polychromal.nl for more information about our products.

- DSE-Aluprinter
- Seal tanks and seal rack
- Handy pads
- pH Litmus strips
- Chemicals Copyclean, Duraclean, Poroclean and Sealing salt.





Customised service

We will be happy to advise you about printing processes and your specific application. In addition, we also provide untreated aluminium base plates. We can anodise your own supplied aluminium objects too and, if desired, can provide them with texts or images in the anodising layer.

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