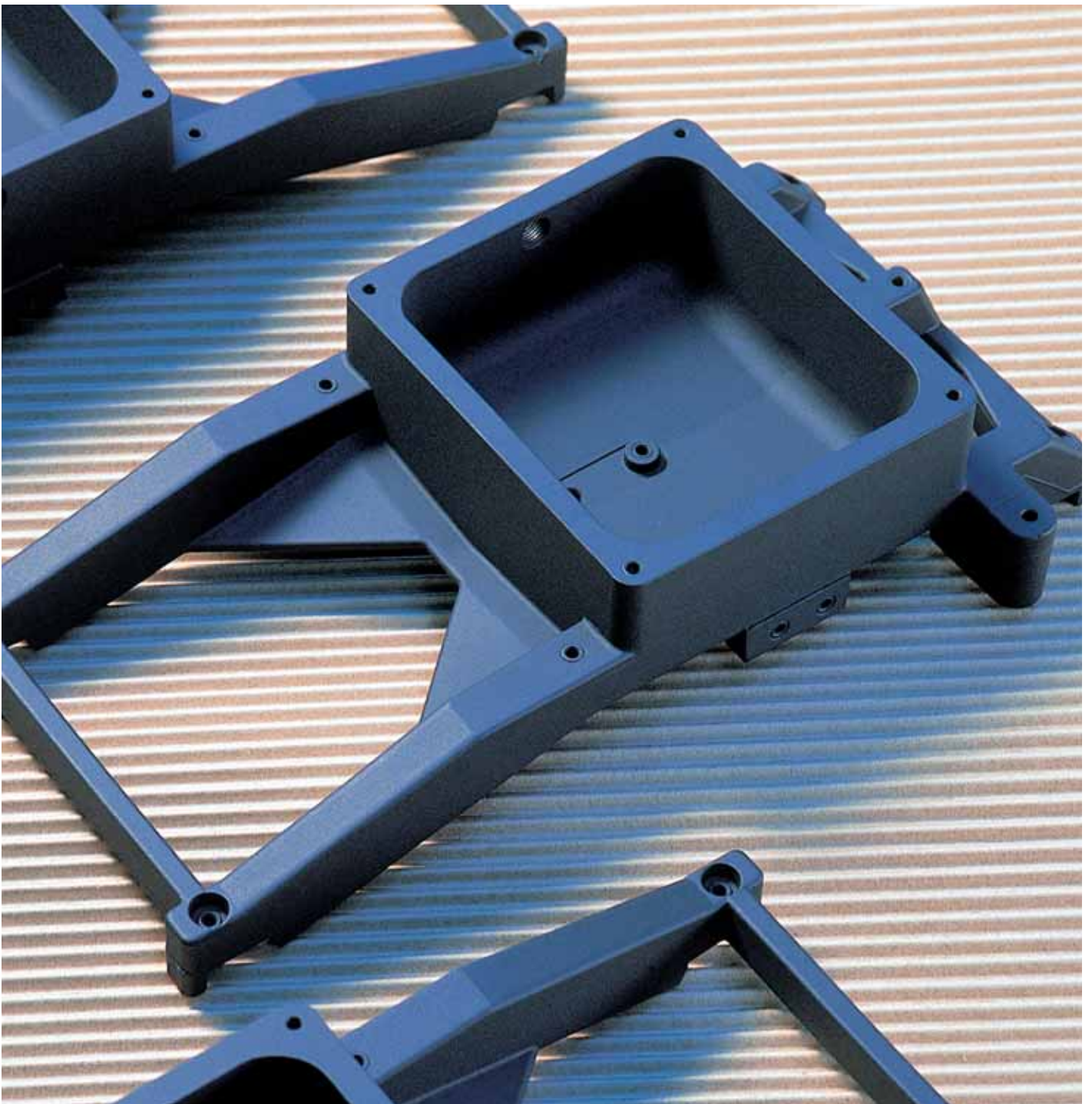


## PTFE – Anti-adhesive and low-friction



## PTFE Coatings

The PTFE coatings from Buser Oberflächentechnik AG are based on Polytetrafluoroethylene. These coatings are better known under brand names like Teflon®, Xylan®, Greblon® ...

### The main economic advantages of PTFE coatings in production are primarily:

- better cleanliness
- shorter machine standstill
- optimal shape separation
- increase of productivity

We select the best PTFE coating from our range of approx. 30 PTFE coatings, which in our experience is most suitable for operative conditions.

### PTFE coating:

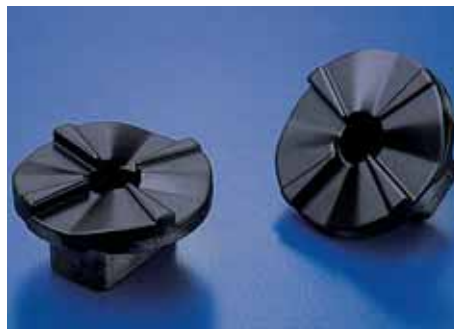
- anti-adhesive
- sliding
- wear resistant
- suitable for foodstuffs
- can be sterilised
- insulating
- resistant to 260 °C
- good adhesion on steel and aluminium etc.



The low wettability allows tacky or viscous substances to flow, slip or separate well from the coated surfaces. For this reason PTFE coatings are predestined for the following applications:

- seal plates, sealing bar
- bearings, guideways
- slides, funnels
- casting shapes
- paint and glue pans
- weld mirrors, etc.

Buser can also provide the PTFE coatings with a ceramic underlay. This leads to extremely high wear resistance with excellent anti-adhesive properties.



Tricky coating tasks are our challenge – give us a call!



### Buser coating processes – modern technology combined with experience and knowledge.

Development and production of surface coating is our speciality. As a result of long years of experience we are able to offer sophisticated technology for a multitude of applications in all branches of industry -

for individual components, serial production and repairs.

Our coatings enable the low-cost, custom-made manufacture and reconditioning of high quality industrial components.

We coat serial components up to 15 tons in weight and up to 8 meters long. Please contact us with enquires for larger parts.

We are the only company in Switzerland to offer both plastic, metal, ceramic and tungsten carbide coatings and hardplating welding and repair welding of castings as well.

Coated components stand up to the test of toughest application conditions protecting against wear and corrosion and offering thermal and electric insulation. The quality of our work is underlined by the certification to ISO 9001 and GTS.

### Our service in surface technology:

- competent, extensive advice
- design and production of workpieces
- preparation of the workpieces to be coated.
- coating to defined specification
- on-site coating
- quality control with report
- packing and shipping worldwide

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