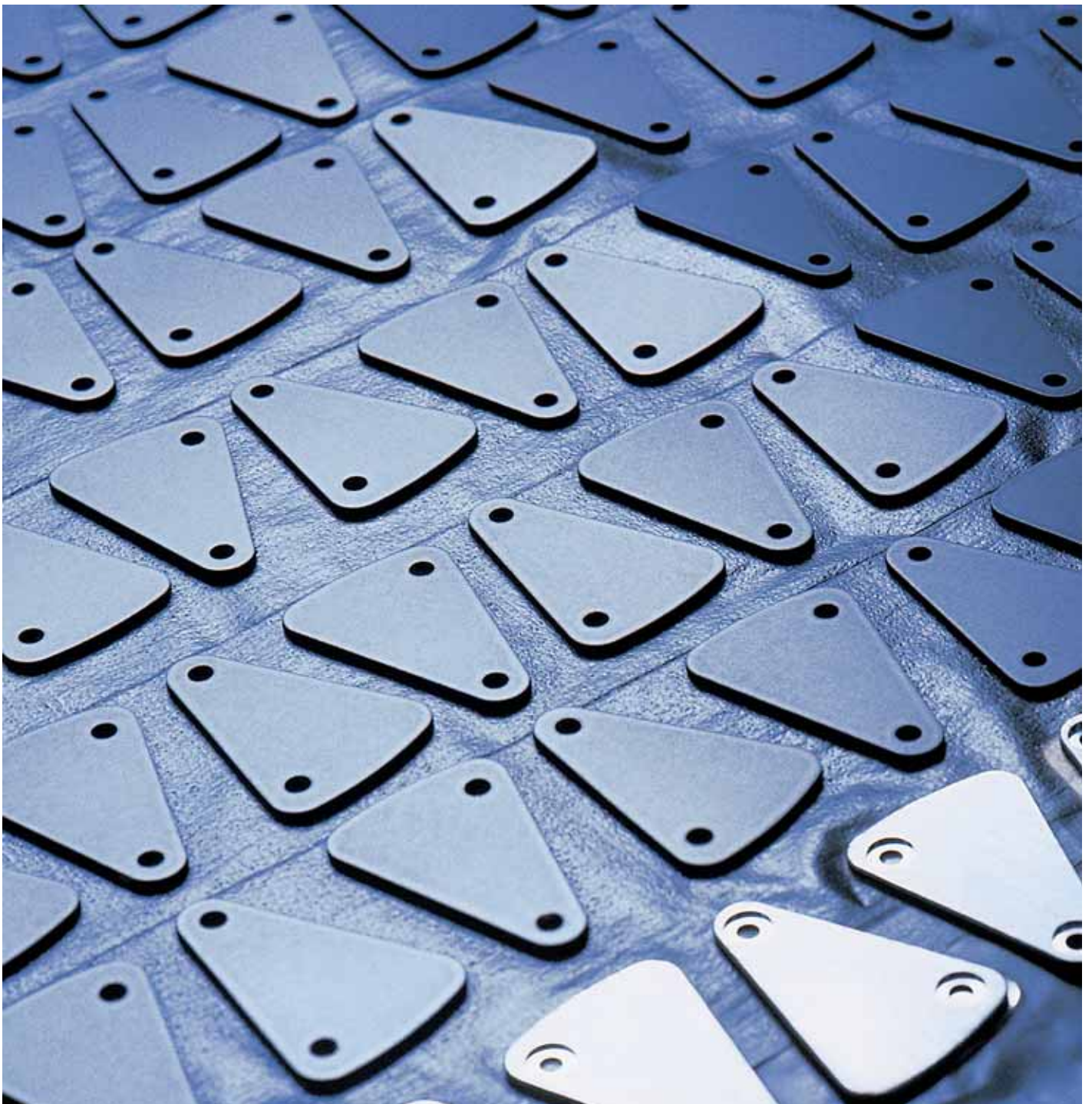


## FEP – Anti-adhesive and chemical resistant



## FEP Coatings

FEP coatings by Buser Oberflächentechnik AG are based on per fluoro-ethylene-propylene. These coatings are better known under brand names like Teflon®, Xylan®, Greblon® ...

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

- best anti-adhesive properties
- short cleaning times
- chemical resistance
- increase in quality

We select the FEP coating from our range of approx. 10 FEP coatings which in our experience is the most suitable for the operating conditions.

### FEP as coating:

- anti-adhesive
- resistant to chemicals
- resistant to permeation
- wear resistant
- suitable for contact with foodstuffs
- flexible
- sterilizable
- insulating
- resistant to 200 °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 FEP coatings are predestined for anti-adhesive applications in combination with exposure to chemicals:

- casting shapes
- sealing plates and weld mirrors
- dosing units
- weighing facilities, 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 work-pieces
- 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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