

PFA – Superior corrosion and abrasion resistance



PFA Coatings

PFA coatings by Buser Oberflächentechnik AG are based on perfluoroalkoxy. These coatings are known under the name of Teflon®.

The main economic advantages of PFA coatings are primarily:

- coating thickness of 20 to 800 µm
- resulting in longer service life with regard to corrosion protection and wear
- good anti-adhesive properties
- easy-to-clean corrosion protective coating

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



PFA is pre-destined for :

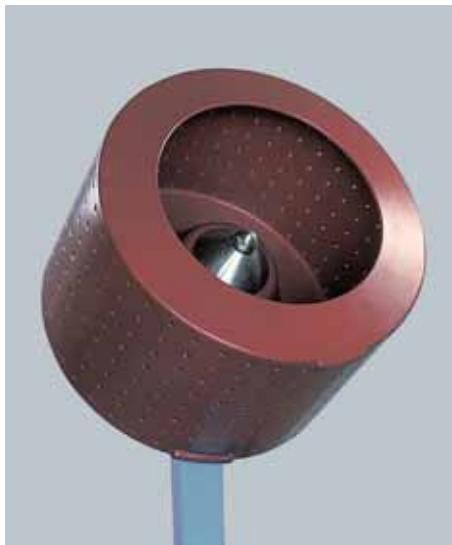
- chemical containers
- tubular protection, pipelines
- laboratory devices
- filling stations for aggressive materials
- pressing moulds
- product carriers, etc.

At Buser these PFA coatings can be provided with a ceramic underlay which leads to an extremely high wear resistance together with excellent anti-adhesive qualities.

PFA coating:

- high strength of coatings
- resistant to 250 °C
- high wear resistance
- very good resistance to chemicals
- suitable for foodstuffs
- tough
- extremely smooth surface
- anti-adhesive
- can be sterilised
- good adhesive properties on steel and aluminium

Due to the high thickness of coatings possible, PFA is suitable as a heavy-duty corrosion protection for highest demands. Despite the thick coatings, typical qualities for PFA such as non-stick properties and abrasion resistance etc. remain.



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

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

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