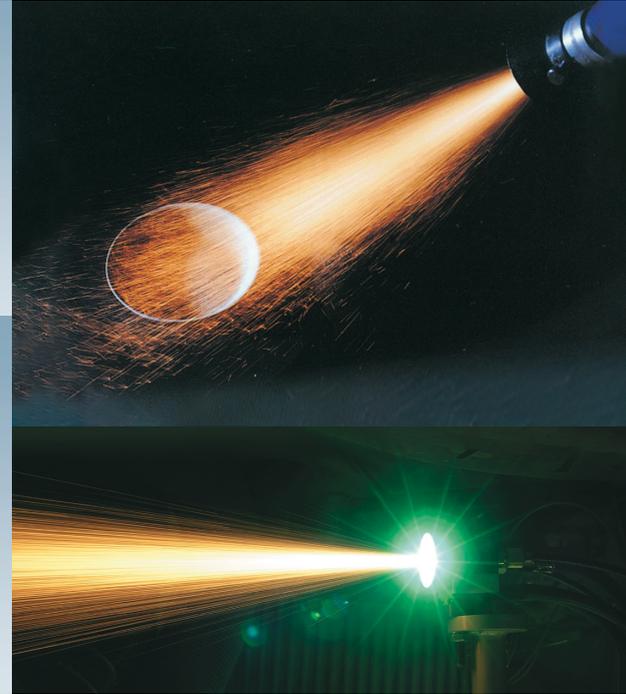


The solution to the highest requirements for abrasion-resistance.

PTFE, FEP, PFA Combination Coatings



The basis for the Gutbrod combination coatings is a wear-resistant, thermally sprayed hard substrate layer made of metallic material. Using a special flame spraying technique, this is melted on and applied using atomizer gas onto the component surface being treated.

The mechanically stable base coat formed in this way creates a matrix into which fluoropolymers such as PTFE, FEP and PFA can be embedded to achieve perfect anti-stick and wear resistance properties. This concept permits combinations of all of our offered coating systems.

The result: wear optimized combination coatings offering a wide spectrum of industrial requirements and applications with perfect anti-stick properties and outstanding surface hardness.

The features at a glance

- Quality improvement through reduced abrasion
- Higher working speed
- Trouble-free material transport
- Shortened machine downtimes
- Higher productivity
- No product deposits, better cleaning
- Reduced maintenance and servicing

Sample applications

- Rollers
- Containers
- Heating plates
- Suspension frames
- Sealing jaws
- Casting moulds
- Screws
- Knives
- Slide rails
- Conveyor units
- Industrial baking moulds and baking sheets
- Press, guide and deflection rollers
- Welding bars

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