

Process: **Proco – PFA 9000**

- Features:**
- **Excellent chemical and corrosion resistance**
 - **Highest temperature resistance**
 - **Good abrasion resistance**
 - **Low friction coefficient**
 - **Excellent anti-adhesive properties**

Proco – PFA 9000 is characterised by its excellent chemical and temperature resistance (up to 260°C). Together with a coating thickness of up to 1000 µm, it also complies with the requirements for mechanical strength and wear resistance.

The coating system consists of a primer and multiple middle and top layers which are applied at 400°C.

- Applications:**
- Chemical/pharmaceutical industry:** agitators, containers, forms, mixers, laboratory equipment, ultrapure water plants
- General mechanical engineering:** protection tubes, level indicators, components for the semiconductor industry, pipes, coating hooks, ventilators, rotors, rollers, vats, slide bars, centrifuges

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| Properties: | Characteristic: | thermoplastic |
| | Colour: | black/white |
| | Coating thickness: | up to 1000 µm |
| | Max. operating temperature: | continuous: 260° C interval: 290° C |
| | Shore D hardness | 60 |
| | Melting point: | 302 - 310° C |
| | Dielectric strength: | up to 58 kV/mm |
| | Approvals: | FDA Par. 177 – 1550 (perfluorocarbon resins) |
| | Pretreatment: | anticorrosion blasting Sa 3 (DIN EN ISO 12944-4) |

For the planning and production of structures which are to be coated, the guidelines of DIN EN 14879-1 are applicable.