

STAINLESS STEEL PASSIVATION

HYGIENIC AND DURABLE

Passivation of stainless steel is a chemical process in which a protective layer is formed on the surface of the stainless steel to protect it from corrosion.

The protective layer is created by a chemical reaction on the surface of the stainless steel that forms chromium oxides. These chromium oxides form a thin layer that protects the underlying metal from oxygen and other corrosive materials and increases the life of the components. The smooth and dirt-repellent surface of the passivated stainless steel facilitates cleaning and is visually appealing.



ADVANTAGES

- Corrosion protection
- Increased service life
- Improved hygiene
- Aesthetic with high gloss

APPLICATIONS

The passivation of stainless steel is used in various industries, such as:

- Food and beverage industry
- Medical devices and implants
- Chemical industry
- Watchmaking and jewellery design

Maximum component sizes: 1400 x 560 x 800 mm
With ISO 13485 certification: 340 x 300 x 450 mm