

The importance of a seal is only noticeable,  
if Machine downtimes, impurities or downtimes occur.

The  
**Dichtungsschmiede**

develops and manufactures high-performance lip seals, rotation shaft seals and radial shaft seals made of the material PTFE and PTFE compound.

Further we manufactures  
conventional seal types, hydraulic seals and special seals made of the material elastomers, hydrolysis-resistant polyurethane, PTFE and Technical plastics.

Our high-performance seals  
are adjusted individually in installation spaces and operating conditions.

Moreover we influence the performance profile of the seal.  
Influenced will the wear behavior, the load-bearing capacity, the stability and also the temperature and chemical resistance.

So you get an efficient and high quality seal, at a reasonable  
Price-performance-relationship!

### **The advantages of our products:**

high wear resistance, low friction and low break loose torque  
high chemical and thermal resistance  
operating temperatures for PTFE-seals from -70 °C to +260 °C  
high efficiency and economy

### **Areas of application:**

chemical, pharmaceutical, food and cosmetics industries, general  
mechanical engineering and tool manufacture, steel industry, process engineering

## Application examples:

bakery machines	plummer block
meat processing machines	centrifuges
rotation operation	mills and shredders
conveying and dosing systems	filling machines
aggregates in pharmacy and cosmetics	agitators
mixers and separators	blowers and fans
cleaning and sterilization process	pumps
machine tools	driven tools
machines with high speeds	gears

## Media examples:

lubricating and cooling fluids  
mineral and synthetic fats and oils  
water and water vapor  
resinous and pasty mixtures  
aggressive and corrosive chemicals in the liquid and gaseous state  
granules, powders and liquids in the food and pharmaceutical industry

## Seals or sealing material according to:

FDA	BAM	ADI-Free
3A Sanitary	Food regulation	ATEX

REACH Regulation, EU 10/2011 (1907/2006)  
food law provisions - European Com. law, BGVO (BfR, LFGB) und FDA  
RoHS Directive 2011/65/EU (RoHS 2)