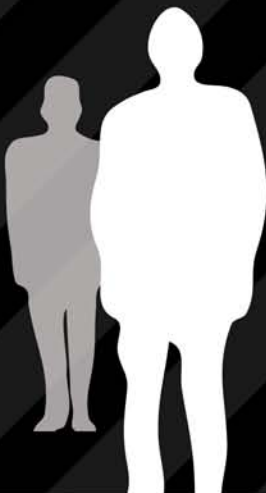


[www.ADDENSEO.com](http://www.ADDENSEO.com)



**ADDENSEO<sup>®</sup>**  
international GmbH

Packings   
Mechanical seals   
Gaskets   
ePTFE-Sealings   
Company-Services 



**DIE  
DICHTUNGS-  
COMPANY**

# ADDENSEO OFFERS GENUINE VALUE

## **Consistently Cost-effective Orientation**

Our comprehension of the demands, processes and challenges in the field of sealing technology is the pre-requisite for fundamental consultation, with cost-efficiency being the ultimate purpose. In view of long-term future considerations, our systems analysis seeks to integrate and optimize our concepts into the flow of entire machinery and production processes.

## **Innovative Solutions**

Our fore-sighted orientation helps safeguard investments. The future cost-benefits yield of any product determines whether its application is justified. The solutions which ADDENSEO creates together with their customers are flexible and encompass modern materials developments.

## **Need-Oriented Consultation**

Our custom solutions, optimized for individual requirements, are the basis for our high level of achieved customer satisfaction.

## **Extensive Applications Experience**

The associates of ADDENSEO are practical people. Due to our vast experiences with product applications in numerous industrial segments, we can offer solid, custom-made solutions.

## **Attractive Service Solutions**

Additional offers such as "Sealing-Check-up", on-site instruction and development of special solutions completes our scope of customer services. With our "ADDENSEO-eBiz" we also provide a fast, easy-to-use gateway for information exchanges.



## **From Professionals – For Professionals**

ADDENSEO International GmbH provides custom-made solutions in these applications areas: ePTFE-seals, packings, mechanical seals, gaskets.

Our concepts encompass technical consultation as well as the manufacture, international distribution and sales of technical products, especially in the field of sealing technology.

The expertise of the company founders – Thomas Cleff and Bogdan Ciuchendea – is based on long-standing, international experiences in process technology and in the manufacture of sealing solutions for nearly all industrial applications.



## PACKINGS

For pumps and valves (dynamic and static applications). Full range of packings for all applications, endless rolls or pre-pressed rings including special products.

**Function:** temperature:  $-200^{\circ}\text{C}^*$  to  $1300^{\circ}\text{C}^{**}$  (i.e. PTFE\* - Silicat yarn\*\*) • pressure: vacuum - 1500 bar (i.e. braided combinations) • speed up to 30 m/s (i.e. GFO<sup>®</sup> and Graphite yarns) • ph 0 - 14 (i.e. PTFE and PTFE compounds) • abrasive mediums

**Design:** square braided • rectangular braided • round braided • special braided packings

**Application area:** chemical • pharmaceutical • power plants • food industry • pulp- and paper • refinery and petrochemical industry • sugar industry • water treatment • etc.

**Approval:** FDA (food industry) • FMPA (food industry) • BAM (oxygen) • TÜV (TA-Luft systems)

d y n a m i c   s e a l s



## MECHANICAL SEALS

Component seals and cartridge seals in different sizes and dimensions for most of the aggregates. Standardisation and customized stock through ADDENSEO International GmbH.

**Service:** new mechanical seals according to the latest industrial standards • accurate repair of mechanical seals • failure analysis • comparative mechanical seals for known pump manufacturers • technical support and consulting

**Design:** single spring • multi spring • metal bellowed seal • cartridge seals in single or double design • pressure and double pressure balanced • dynamical and static construction style • fluid systems and thermosyphon systems (blocking, flushing, cooling) • special constructions on request





## GASKETS

Gaskets for all applications from various materials and material combinations, machined from sheets. DIN styles and special styles for most applications.

**For static applications:** temperature: -200°C to 550°C (inert up to 3000°C possible) • up to 400 bar • pH 0 - 14

**Design:** sheets • die-formed • DIN styles • custom-made or by sample • special styles

**Approval:** TÜV (TA-Luft) • BAM (oxygen) • DVGW (gas) • KTW (drinking water) • MPA • Germanischer Lloyd



s t a t i c   s e a l s



## ePTFE-SEALINGS

Expanded PTFE in sheets and joints. Specialized and optimized characteristics, supreme economical and safety sealing effects with ADDENSEO International GmbH.

**ePTFE in monodirectional fiber structure:**

excellent adjustment – compensation for uneven surfaces! • perfect compression stability – surface pressure up to 250 N/mm<sup>2</sup> possible! reduced cold flow – screw force retained • maximum seal effect with less surface pressure

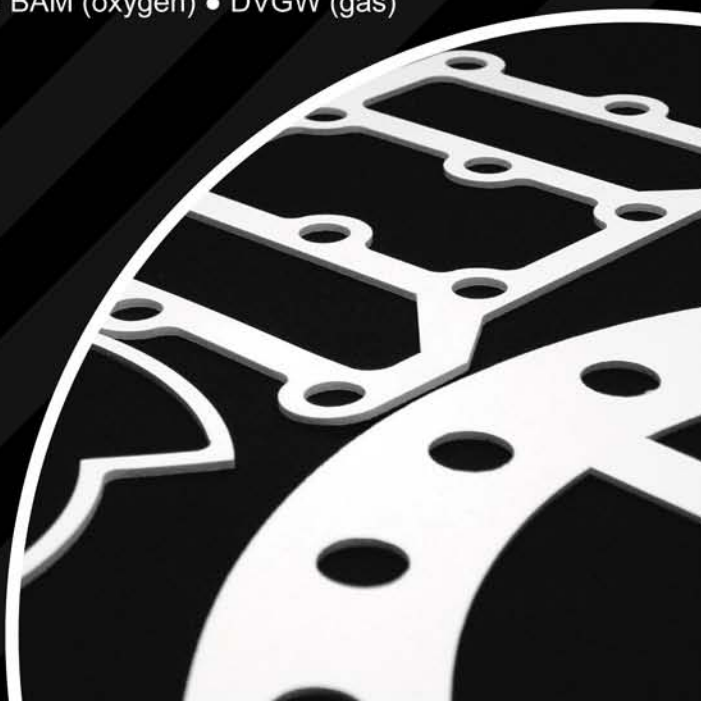
**ePTFE in multidirectional fiber structure:**

excellent adjustment – compensation for uneven surfaces! • perfect compression stability – surface pressure up to 150 N/mm<sup>2</sup> possible! extremely high form stability – no alteration of the surface area under pressure • no cold flow – screw force retained • maximum seal effect with less surface pressure

**Service:** ex-stock / 24h • technical advice and support • engineering

**Design:** Sheets and joints • DIN-Dimensions • die-formed • from drawing or sample

**Approval:** FDA (food industry) • TÜV (TA-Luft) • BAM (oxygen) • DVGW (gas)





## ADDENSEO OFFERS MORE SERVICE ...

### ● **Support for Special Solutions**

We support our customers in the creation and implementation of innovative solutions, as well as in the development of custom products for specific applications.

### ● **On-site-training**

We offer on-site training to enhance qualifications and expertise by relaying the latest product and materials developments.

### ● **ADDENSEO-eBiz**

For rapid and easy exchange of information, we offer our customers and other partners gateways such as EDI, XML and others.

### ● **Sealing-CheckUp**

Together with our customers, we detect potential flaws and determine possibilities for improvement outline specific solutions and implement measurable positive results in these important areas:

#### **Time**

Increasing machinery productivity, reduction of down-time and less maintenance frequency.

#### **Quality**

Application of state-of-the-art materials and techniques, precise evaluation.

#### **Costs**

Minimization of procurement, maintenance and labor expenses.

## C o m p a n y - S e r v i c e s



## ... AND MORE EXTRAS!

- Metal protection systems against wear
- Special tools for technical sealing application
- Maintenance products
- Operating supplies
- Fluid solutions (Heat exchanger etc.)
- Overcoating protection for shaft and sealing systems



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The ADDENSEO International GmbH head-quarter is located southeast of Munich, close to highway A99, exit 19 "Hohenbrunn – Putzbrunn".



# ADDENSEO ONLINE

Visit our Internet website under:

<http://www.ADDENSEO.com>

Online we continually provide our customers with the newest product information and useful advice in the field of sealing technology. One can also learn additional facts about the associates and facilities of ADDENSEO.



# ADDENSEO INTERNATIONAL

We are a global enterprise! Our multi-cultural orientation is not blinded by national or international restrictions. Our thoughts and actions are guided by our focus on common objectives.

