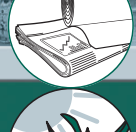
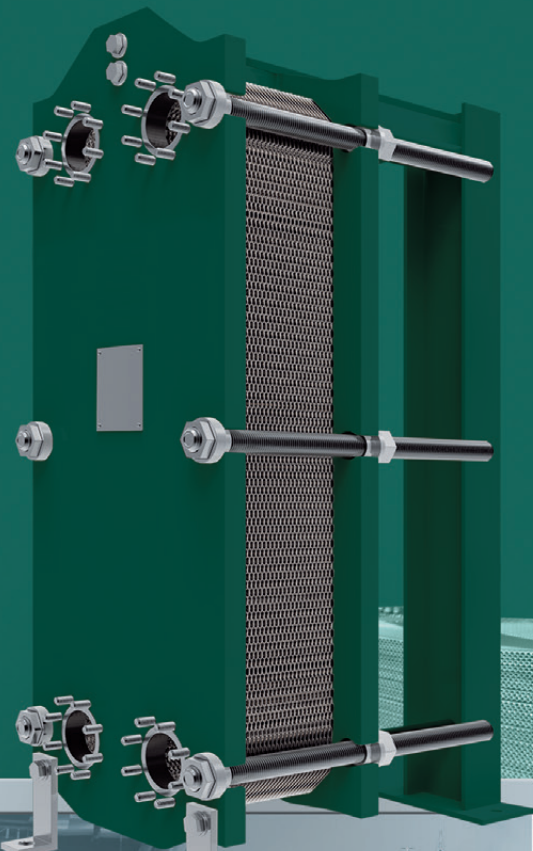


## Service and gaskets for plate heat exchanger





## AKK Industrieservice, the independent service company, specializing in repair and maintenance of plate heat exchanger for all models.

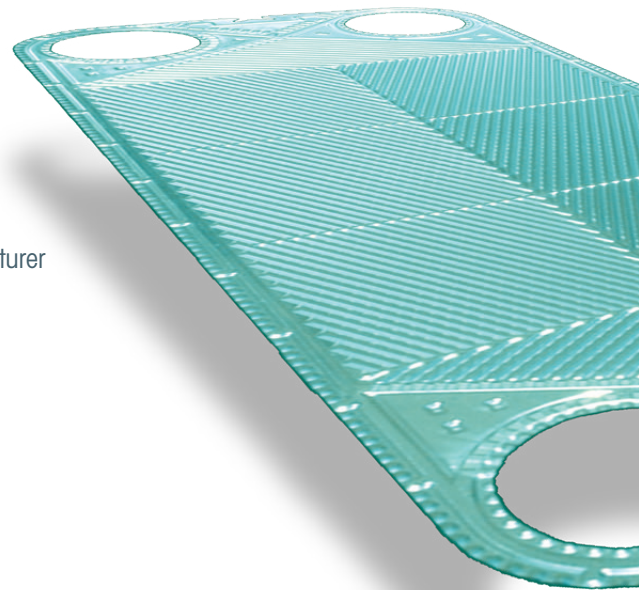
Due to long experience in cleaning, testing and re-gasketing of the heat transfer plates, we are in the position to keep the service flexible, addressed to our customer's requirement and optimized to the specific need of the industry.

### Our service:

- Cleaning of the plate packs
- CIP (clean in place) cleaning from
  - Shell and tube heat exchangers
  - Fully welded heat exchangers
  - Brazed heat exchangers
- Dye penetration testing
- Re-gasketing of the plate packs
- Electro polishing of the heat transfer plates
- Maintenance contracts
- Consulting

### Our products:

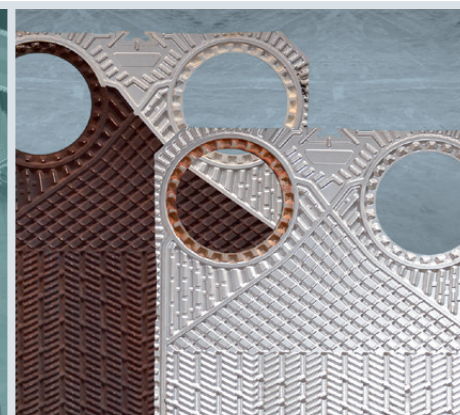
- Gaskets for all plate heat exchanger manufacturer
- Exchange plate packs
- New plate packs of all manufacturer
- Gasketed plate heat exchanger
- Fully welded heat exchanger
- Tools



Dismantling



Incoming goods

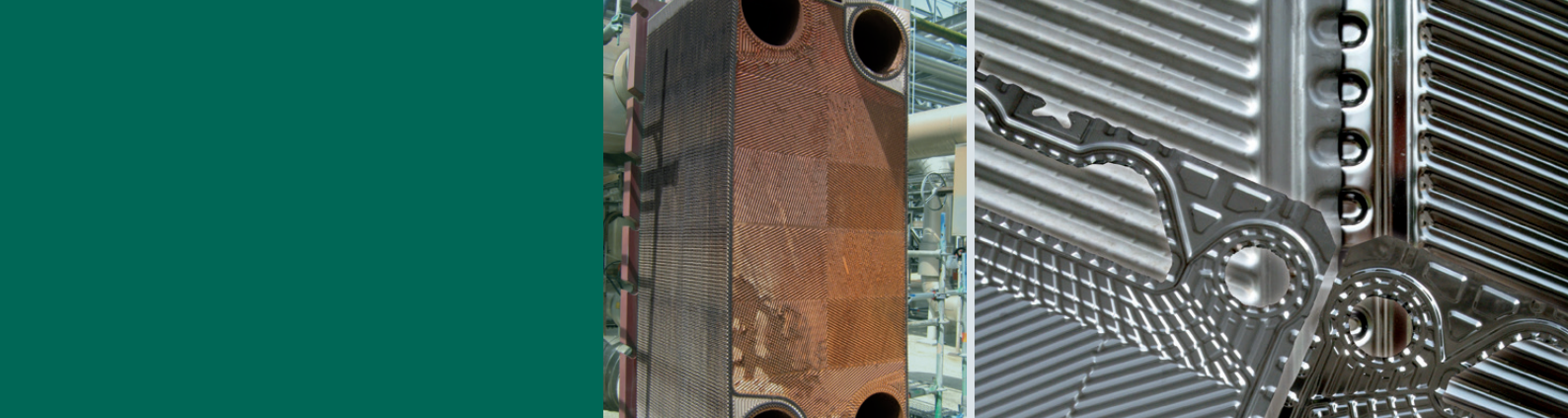


Chemical plate cleaning



Dye





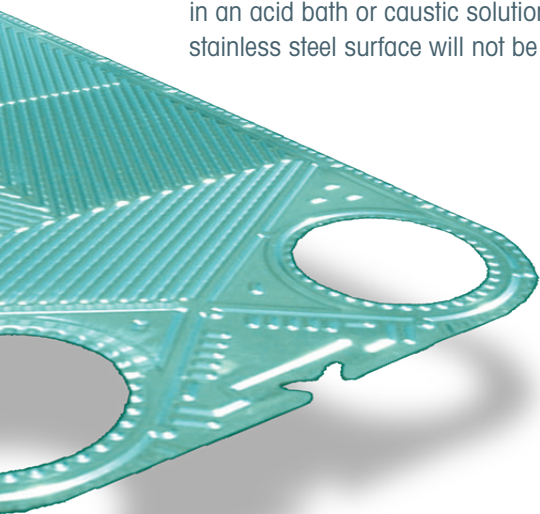
In co-operation with our customers, we have developed unique service options, to carry out the most cost effective and efficient way of 100 % cleaning, testing and re-gasketing of the heat transfer plates.

#### **Goods received**

Every job we receive undergoes a visual checking procedure. In this step the object is to identify plate deformation, pin holes, corrosion and find the good plates based on the customers specifications. This is necessary to optimise the reconditioning work.

#### **Cleaning of the plates**

After carefully removing the old gaskets the plates undergo a special chemical cleaning programme to remove scaling and process contaminates either in an acid bath or caustic solution, however, the stainless steel surface will not be damaged.



#### **Testing**

Every plate has to pass the dye penetration testing method to highlight pinholes or cracks resulting from corrosive applications. High pressure washing guarantees that no dye penetration liquid remains on the plate. Additionally, the gasket groove is checked carefully and if required, reworked.

#### **Re-gasketing**

In case of glued gaskets, we are using a special designed 2 component glue to ensure superior strength and performance. To complete the re-gasketing procedure, the plate pack is clamped and tightened to guarantee correct alignment. Full curing of the adhesive is provided by placing the plate pack in an oven at the appropriate temperature.

#### **Final control and commissioning**

After final inspection the reconditioned plates are packed according to the flow diagram to allow a quick and easy installation. If required an AKK engineer can reinstall the plate pack.



penetration test



Re-gasketing



Final inspection/Dispatch

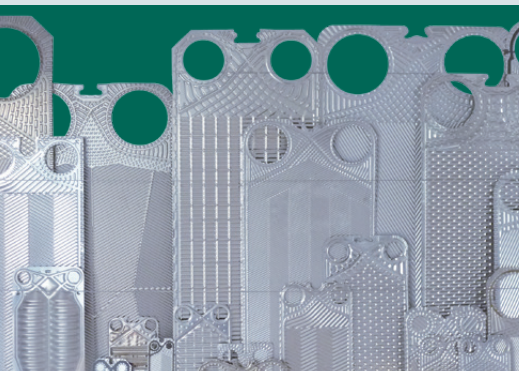


Installation





**Spare gaskets**



**Spare plates**



**Transport service**



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www.akk-service.at

**Optimized service, high quality gaskets of all named manufacturers, special tools, AKK Industrieservice & Handels GmbH, a company you can rely on.**

If you want to buy gaskets at an attractive price or you want to give the whole service work to competent engineers with AKK Industrieservice you will find always solutions for your requirements.

#### **New plate packs or exchange packs**

If new plate packs or exchange packs are required we can supply all plate types from all manufacturers. The plate packs are furnished with new gaskets according to the customer's specific application. To provide a short down time in production we can offer exchange packs from our existing stock of used plates.

#### **Gaskets**

For our plate heat exchangers gaskets, only the best and tested raw materials are used. All gaskets are manufactured according to the FDA (food drug association) regulations and certified to ISO9001:2000.

#### **Electro polishing**

If the product being used causes a strong build up on the plates there is the possibility of electro polishing the plates. The surfaces then become very smooth and the operating time of the plant is longer.

#### **Your questions on heat exchangers answered**

With more than 25 years experience working with heat exchangers, AKK can advise you independent of manufacturers, if you need a new heat exchanger or if you want to optimise your plant.

#### **Maintenance contract**

With planned preventative maintenance contracts, you will reduce the downtime and increase the productivity to a maximum.

#### **Maintenance engineers**

AKK provide assembling and maintenance in Europe at an attractive price for the work that is carried out.



**www.akk-service.de**

