

# Maintenance

Some of the steps involved in heat exchanger maintenance

1. Before proceeding with maintenance, the exchangers may go through a reclamation cycle to make the product residue contained in the systems inert.
2. We then proceed with the aforementioned washing, plate testing and gasket application phases. When the plate testing activity is finished, and before exchanger re-assembly, it may be necessary to intervene on some of the parts of the frame, to make them functional again.
3. Closing the plate pack and checking the seal of the exchanger by running a hydraulic test at the design pressure. An inspection certificate is issued at the end of the test.



Disassembly and check



Cleaning of the plate pack in situ



Testing the seal on the refurbished exchanger

# Moulding

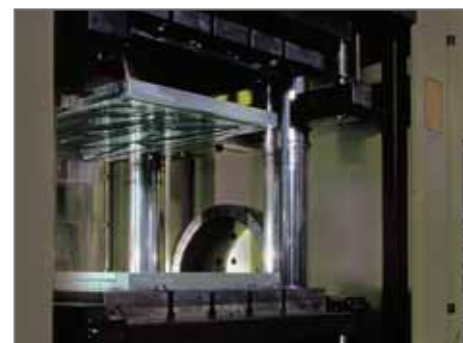
"MADE in ITALY" gaskets with high quality mixtures for every application and the option of the following certificates: FDA, BfR, 3A-Sanitary Standard, USP Class VI, Reach, RoHS, EU Regulation.

**RM Service** also provides gaskets for butterfly valves and DIN - ISO - CLAMP - S.M.S.

BS - IDF regulation industrial fittings.



Gasket compression moulding



Gasket injection moulding

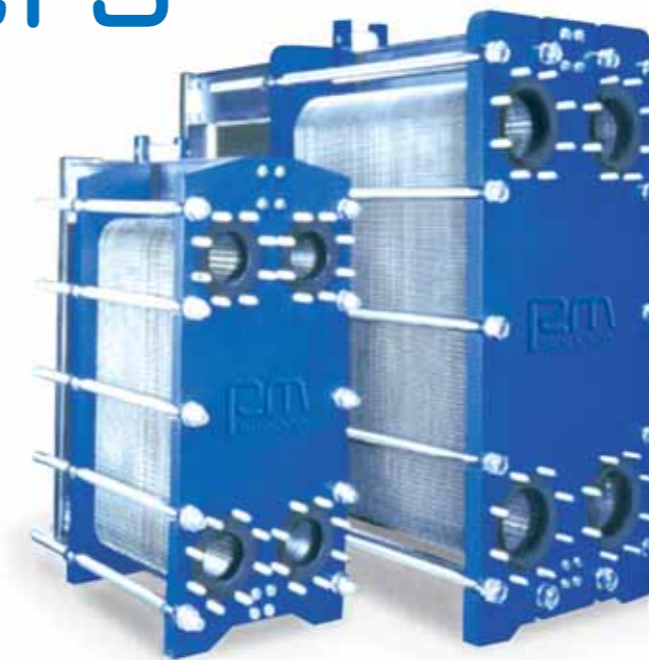


Some of the gasket deburring steps



# Plate heat exchangers

**RM Service** supplies complete plate heat exchangers of any size, with titanium and steel plates and gaskets made of any material. Starting from the process data, our technical department will develop and design the most suitable exchanger to fulfil your every application need.



## Yes, we serve!



**RM SERVICE S.r.l.**

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Plate Heat Exchangers  
Maintenance and Parts





# Mission: to never betray your trust

RM Service is able to offer:

- every brand of gaskets and plates for inspectable heat exchangers
- maintenance and regeneration service for plates and entire exchangers
- complete plate heat exchangers
- gaskets for pumps and fittings

Our range of services and products is backed by a decade of experience in after-sales activities and plate exchangers and spare gasket production. In order to ensure the safe and long-lasting use of your set of exchangers, you need to use high quality parts that are

interchangeable with your existing ones. In addition to supplying original parts we are able to offer a wide range of articles entirely "MADE in ITALY", as well as certified parts from major world producers, all to fulfil the requests of our customers in terms of providing a reliable and prompt service. In addition to gaskets, we are also able to offer heat exchanger plates in any standard material and thickness.

Our technical staff will be glad to advise you, by performing all the necessary checks, should you need to intervene on your heat exchanger to make modifications or expand its heat exchange capacity.



1. Receiving and inspecting the plates



2. Removing old gaskets



3. Chemical immersion and pickling

4. Cleaning gasket seal seats

5. Micro hole detection with penetrating liquids

6. Cleaning testing liquids from the plates



7. Detail of a frame requiring sanding and painting



8. Sanded and painted frame



9. Glue-free gasket attachment

10. Gasket gluing procedure

11. Plate pack pressing with adhesive glue polymerisation in the oven

12. Final packaging for shipping to destination

