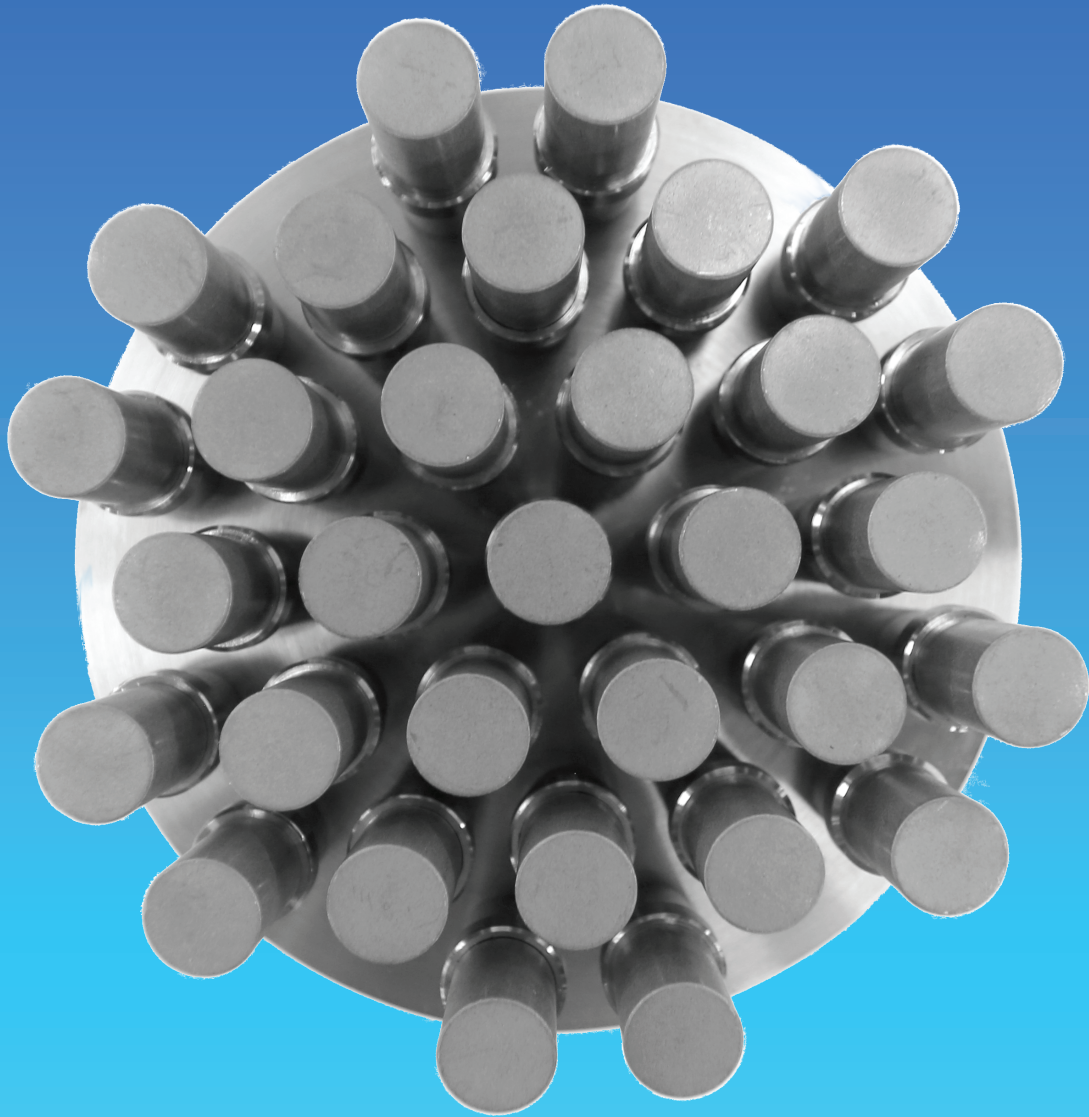


Filtration technology

Filtration under hostile conditions



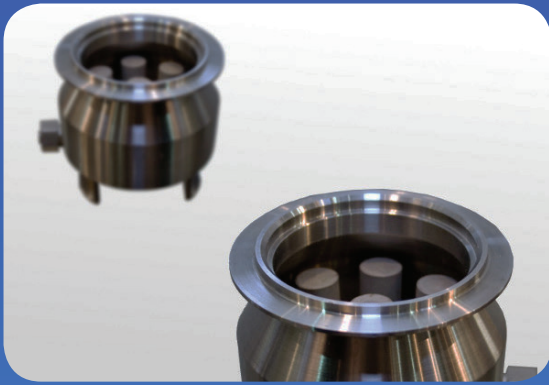
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Filtration of radioactive liquids

Radioactive circumstances put specific demands on filtration media used. Many materials that are industry standard, would fall apart under these circumstances. Other materials could become so irradiated, that it would take them a long time to cool off after use.

EWAC Industrial supplies specialized metallic filters in a range of sizes and specifications.



Uranium filter

For filtering very small (> 0,5 micron) solids out of a liquid solution. These solids are dissolved and later on precipitated for collection in a different stage of the process.



Uranium collection filter

For collecting the uranium out of the waste flow. This uranium is stored later in the long term storage facilities in the South of the Netherlands.



Filtration columns

Specialised columns used in stages with a lower level of radiation in the process of Mo-99 production. Due to their semi transparent nature, the progress can be visually monitored by turning off the lights in the hot cell.

In-line filter

Safety filter to minimize the amount of uranium contamination in the process stream.

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