

Likuid Product Technical Data

CARTRIDGE FAMILY
MEMBRANE CARTRIDGES

Likuid standard cartridge is a compact and robust stainless steel case, made with the best materials, with a unique, precise and compact design, containing up to 92 multitubular ceramic membranes.

The design of the cartridges makes possible an easy and quick access to the membranes, and at the same time, it guarantees the necessary watertight sealing conditions for different the applications.

Various accessories, like gaskets, tools, etc, can vary between the different products or the applications. Ask our specialists for each specific case.

Stainless steel cartridges



STAINLESS STEEL CARTRIDGES

The use of stainless steel provides the product with exceptional attributes in certain applications, in addition it guarantees the sealing and locks, and avoids contamination risks.

Description

Likuid stainless steel cartridges are manufactured with exclusive and compact designs, so that they guarantee the best performance and take up the minimum space.

Stainless steel of different ranges is used depending on the application and each specific case. The best techniques available are used for the assembly and welding of the cartridges.

Likuid membrane cartridges fulfill all quality requirements. Although standard compact geometries are manufactured, ad-hoc elements under request are available, so that the performance for specific applications is optimized.

Stainless steel cartridges

In which cases is especially interesting to use Likuid stainless steel cartridges?

Stainless steel cartridges give the filtration system superior features and allow to design filtration systems for complex fluids and to demand exigent operational conditions.
Polluted waters, treatment and purification processes as well as industrial filtration processes are the most appropriate cases for this type of cartridges, where there is no temperature limitation, resistance to extreme pH is required and chemical products for the regeneration of the membranes in intensive filtration processes are used.

General technical characteristics of the product:

Material	Stainless steel of diverse ranges
Morphology	Tubular
pH range resistance	0 - 14
Maximum pressure	Up to 10 bar
Temperature range	5 - 100°C

Advantages of Likuid stainless steel cartridges:

Likuid stainless steel cartridges provide the following advantages:

- 1 Durability:** good quality materials and the best welding and assembling techniques provide a long lasting and robust product.
- 2 Reliability:** a strict quality control is followed during the design, manufacture, welding and assembly of the cartridge, so that a highly reliable product is obtained.
- 3 Compactness:** the cartridges are manufactured with precise mechanization, which allows installing more membranes in less space. In consequence, we obtain cartridges with less diameter and more compact with higher filtration area.
- 4 Easy handling:** all sealing systems, screws and accessories are assembled in order to facilitate handling and to guarantee the maximum reliability.

Available products:

	L07	L19	L37	L61	L92
A	1.193mm	1.193mm	1.193mm	1.193mm	1.193mm
B	880mm	880mm	880mm	880mm	880mm
C	DN080	DN125	DN200	DN250	DN300
D	Ø48mm	Ø75mm	Ø89mm	Ø105mm	Ø120mm
Q	7 membranes	19 membranes	37 membranes	61 membranes	92 membranes
M	21kg	41kg	73kg	110kg	169kg

