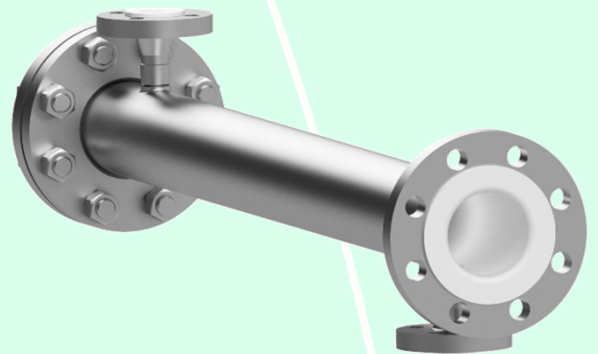


ResiLine® membrane housings with ETFE coating

Technical Data

Surface inside	ETFE
Operating pressure	-1 / + 100 bar
Operating temperature	-10 / +100 °C
Number of membrane spaces	1 - 4 4" - 8"
Material	1.4462 with inner ETFE coating, Permeate outlet 2.4602 (Alloy 22 - Hastelloy® C-22), others upon request.



Design

Extreme pH values, high concentrations of chlorides or both – our ResiLine® membrane housings combine the mechanical strength of stainless steel with the excellent corrosion resistance of fluorinated polymers. The unique rotational sinter lining creates a durable bond between stainless steel and the polymer coating.

ResiLine® membrane housing designs:

- Frontport or Sideport configuration
- Vacuum proofed
- in 4" and 8", with up to 4 membrane spaces
- Materials for cover flanges are 1.4539 or Hastelloy

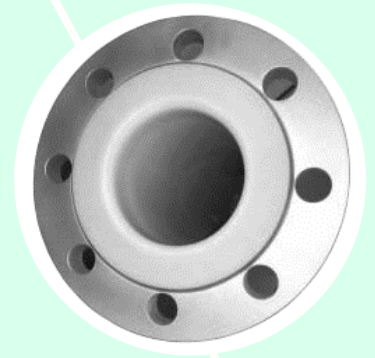


ResiLine® membrane housings with ETFE coating

Due to the highly corrosion resistant coating, high alloy steels or special materials are only required for the end flanges of the housings. This opens a wide range of applications where housings completely made in special materials cannot be used for economic reasons.

All our membrane housings are designed and calculated in accordance with AD2000 as standard.

Specifications for necessary approvals in accordance with the PED 2014/68/EU, (Cat. I to Cat. IV), further approvals on request.



PED 2014/68/EU (moduls A bis H/H1) – European Pressure Equipment Directive



ASME – For export to the USA and more than 100 countries worldwide which accept the application of the ASME code



SELO licence – Approval procedure of the Chinese authority for pressure tanks.



CRN – Pressure devices for the Canadian market



KEA – Certification of machinery and equipment for the South Korean market



JIS – Japanese Industrial Standards



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