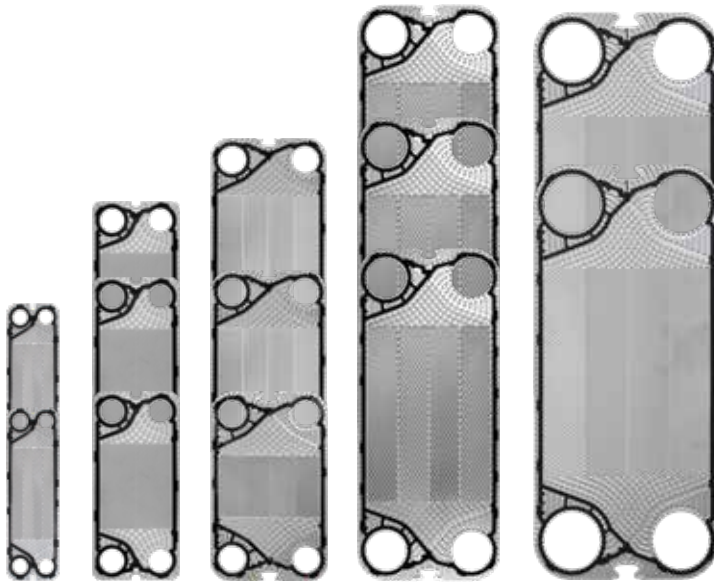




SonFlow

SonFlow Double Wall-System

Plate Heat Exchanger



Visual Inspection

Unlike many other double wall systems, the SonFlow double wall system does not use welding, allowing for easy visual inspection. Potential internal leaks are easily detectable from the outside, particularly in the inlet/outlet areas. The design offers extra safety with leak channels to the atmosphere, ensuring that any possible leaks are instantly and visibly traceable, allowing for corrective actions to be initiated.

Design and Construction

The SonFlow double wall-system consist of two thin flow plates stamped together or separately, forming a pair of plates. This design ensures no mixing of the primary and secondary fluids while providing a visible warning of an internal leak. The plates are held together by the hanging system, which also facilitates easy assembly and disassembly.

Specifications:

MATERIAL OPTIONS:

- Plates can be used in one or two different materials in a single plate pair, such as titanium, AISI, significantly reducing material costs and sales prices.
- Gaskets are available in NBR, EPDM, and VITON.

APPLICATIONS:

- Milk and cream pasteurization
- Sanitary water for food processing
- Water for medical injection/ ultra-pure water
- Nuclear industry safety applications
- District heating and tap water systems
- Engine cooling

