

WELD RING GASKET TYPE S WITH AUXILIARY SEAL [1.4571]

8710SW19

Weld Ring Gaskets are special sealing elements that are used for maximum tightness in particularly demanding applications. They are made of metal and are permanently integrated into a flange connection by welding. This enables them to withstand extreme pressure, high temperatures and aggressive media. They are a proven solution, particularly in chemical and energy technology, when conventional sealing systems reach their limits and/or continuous operation of the system needs to be guaranteed in the long term.



Welding the weld ring halves creates a permanent and gas-tight connection. On the one hand, this ensures the required high level of operational safety and continuity, but on the other hand, it is still possible to loosen the flange connection by separating the sealing weld seam. IDT Weld Ring Gaskets "Type S with auxiliary gasket" are manufactured for standard pipe connections in the basic dimensions according to DIN 2695:2021-06 or customized according to drawing. Weld Ring Gaskets consist of 2 identical ring halves [individual elements] manufactured with high precision, which are welded onto the flange surfaces and welded together after the flange halves have been positioned. Weld Ring Gaskets with additional auxiliary gasket SW19 [e.g. comb profile] are usually used if:- the pressure test without welding is only carried out with the auxiliary gasket- the flange connection is opened several times during start-up- welding is only to be carried out if sufficient tightness is not achieved with the auxiliary gasket.

The thickness of an individual element is 15 mm [height of the entire Weld Ring Gasket = 30 mm]. Weld Ring Gaskets are generally made from the same or a similar material as the pipe or flange.

Operating data

Temperatur [max]

450 °C

Flange shapes

Self-centering, Raised Face [form IBC]

Apparatus, customized

Notes

Other materials available on request.

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/x683461ac1f1a6fd2>

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Further sealing systems and technical information can be found [idt-gaskets.com](https://www.idt-gaskets.com)

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