

Vacuum valve for high temperature process 300°C

The solid body design combined with an integrated pressure plate eliminates wrinkling of the vacuum film during tightening of the locking ring. The robust stainless-steel construction ensures excellent corrosion resistance and long service life, even under repeated autoclave cycles without leakage.

The valves are equipped with high-temperature, platinum-cured silicone seals, providing continuous resistance up to 300 °C in autoclave applications. All metallic components are manufactured from stainless steel and designed in accordance with the ISO B standard.

The product is suitable for a wide range of composite manufacturing processes.

TECHNICAL DATA	VALUE
Material type	Stainless steel
Material type of O-ring seal	Platinum-cured high-temperature resistant silicone rubber (additive-modified)
Recommended use temperature	300°C
Maximum autoclave pressure	20 bar

SIZE

VALVE TYPE	BASE SIZE	CONNECTION	CONSTRUCTION	ASSEMBLY STYLE
SK2VV300-72	2,5 inch	1/4 BSP or NPT	4-part design: body, seal, pressure plate, locking ring	Solid body



INSTRUCTION FOR USE

- Cut a small opening in the vacuum bag and push the item through the opening
- Insert the body under the vacuum bag.
- Apply the pressure plate on the outside of the vacuum bag
- Screw down the locking ring.

Technical values are provided to the best of our knowledge and are based on data considered reliable. Users are responsible for verifying suitability and assume all associated risks.

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STORAGE

It is recommended to store at temperature from +10°C until +30°C in the original packing.

NOTES

All end fittings are 100% vacuum tested after assembly.
Recommended maintenance interval 1000 hours based on operating when using with our connections.