



The SK2VV300-1RGSS is long lifecycle glass fibre reinforced platinum-crosslinked silicone vacuum hose, tested to the highest standards and specially developed for high pressure and high temperature applications up to 300°C in autoclaves.

The internal and external springs, as well as couplings are manufactured from high quality stainless steel, eliminating the risk of galvanic or chemical corrosion. The internal spring prevents collapse under vacuum and pressure and hose separation from the couplings. The external support spring prevents hose lacerations at the fitting ends, extending the hose life.

The hose is highly durable and long-lasting, while remaining exceptionally flexible and user-friendly in handling and installation. It is talc-free and features no silicone migration, ensuring a clean process environment without risk of contamination.



TECHNICAL DATA	VALUE
Material type of hose	Talc-free silicone reinforced with glass fiber
Material type of inner conduits	Stainless steel spring
Material type of external support	Stainless steel spring
Material type of end fittings	Stainless steel
Color	Black
Maximum use temperature*	300°C
Maximum autoclave pressure*	22 bar

SIZE

Internal hose diameter	9,5mm
Outer hose diameter	18mm
Thread	1/4-inch male BSP or NPT
Ends shape	straight (standard) or 90° (on request)

STORAGE

Shelf life: unlimited.
Storage conditions: it is recommended to store at temperatures between +10°C and +30°C in original packing

NOTES

The length of the hose has to be chosen by 0,5m step. The maximum manufactured length is 25 meters. Recommended maintenance interval: 1000 hours based on operating temperatures up to 230°C when using with our connections.

All end fittings are 100% vacuum tested after assembly.
* Maximum use pressure and temperature should be determined under your actual process conditions.

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.