TECHNICAL DATA SHEET

SK2VV270-1R

Reinforced vacuum hose for high temperature and high pressure process

► DESCRIPTION

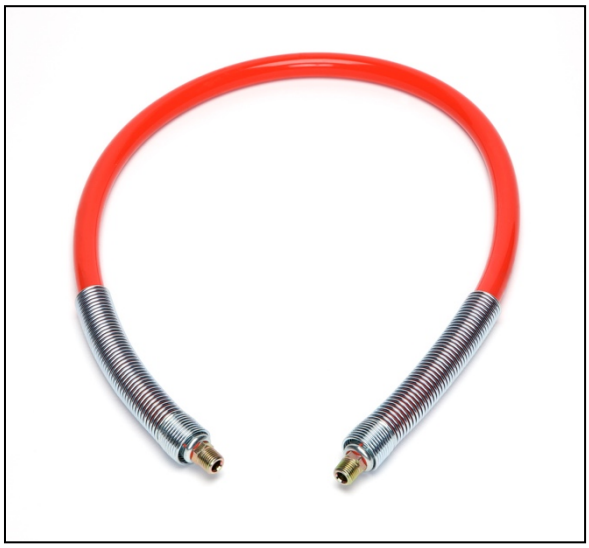
This vacuum hose is a platinum cured reinforced silicone hose manufactured to the highest standard which has been developed specially for high temperature applications in autoclaves and ovens, rated to a temperature of 270°C. The internal steel spring prevents collapse under vacuum and pressure and prevents hose separation from the couplings. The external support spring prevents hose lacerations at the fitting ends, extending the hose life.

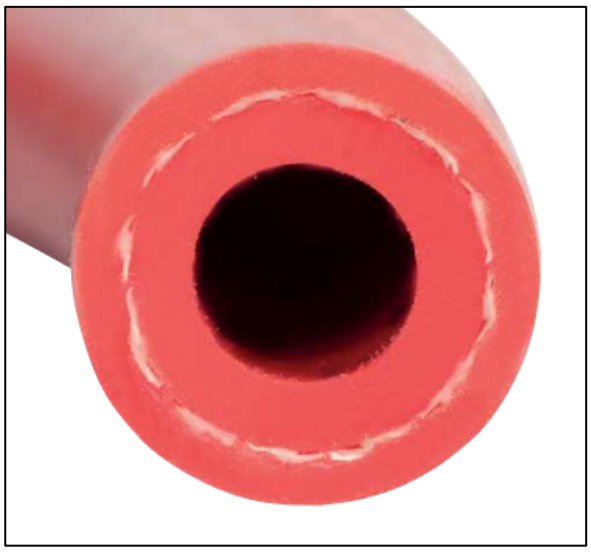
The hose is extremely durable and long lasting, very flexible and user friendly.
The hose has NO silicone loss meaning no contamination worries.

This product is used in various manufacturing processes of parts made of composite.

► TECHNICAL DATA

Material type of hose:	Silicone
Material type of inner conduits:	Steel spring
Reinforcement type:	Glass fiber or aramid reinforcement
Hose color:	Red
Internal hose diameter:	3/8 inch
Outer hose diameter:	18mm
End fittings:	1/4 inch male BSP or NPT (on request)
Maximum use temperature:	270°C





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Hose type	Reinforcement type	Working temperature	Burst pressure	Max. recommend work pressure
SK2VV270-1RA	Aramid	270°C	> 80 bar	> 25 bar
SK2VV270-1RG	Glass fiber	270°C	35 bar	> 25 bar

The glass fiber reinforced hose SK2VV270-1RG is a tough, durable hose ideal for industrial high temperature environments.

The aramid fiber reinforced hose SK2VV270-1RA provides maximum durability, robustness and high tear resistance. Designed for demanding high temperature aerospace environments.

Storage conditions: it is recommended to store at temperature from +10°C until +30°C in the original packing.

► NOTE

The length of the hose has to be chosen by 0,5m step.
The maximum manufactured length is 25 meters.
Maximum use pressure and temperature should be determined under your actual process conditions.
Recommended maintenance interval: 1000 hours based on operating temperatures up to 180°C when using with our connections.