



SV-S21 / SV-S21V SINGLE SPRING SEAL

A single spring mechanical seal **SV-S21/SV-S21V** from **SealVentures India** is a cost-effective sealing solution designed to prevent leakage in rotating equipment. It's used in various basic applications, including centrifugal pumps and equipment handling different types of slurries. The materials used are chosen for durability and compatibility, with seal faces made of **Carbon**, **Silicon Carbide (SiC)**, and **Tungsten Carbide (TC)**, while the elastomers can be **Viton**, **PTFE**, or **EPDM**, and the metal parts are typically **SS 316 & 304**.

Materials

Seal Ring Faces	: Carbon, SiC and TC
Seat Faces	: Ceramic, SiC and TC
Secondary Seal	: Viton, PTFE, GFT, TTV, EPDM, NBR, Buna-N
Metal parts	: SS 304, SS 316, Hast-C, Alloy-20 & etc.

Operating Range

Shaft Dia.	: 10mm to 100mm
Pressure	: Up to 10 bar
Temperature	: -20 °C to +150 °C
Speed	: Up to 3000 RPM

Features

- For plain or stepped shafts
- Single seal
- Unbalanced configuration
- Helical coil spring design
- Functionality independent of the direction of rotation

