



SV-TB71-R TEFLON (PTFE) BELLOW SEAL

The **SV-TB71-R** is a Teflon (PTFE) Bellow Mechanical Seal is a non-pusher, single-acting seal with a highly flexible PTFE bellows that provides superior chemical resistance and is used in pumps and mixers for extremely corrosive fluids like concentrated acids and strong oxidizers. Its materials typically include a PTFE bellows and seal faces made from glass-filled **PTFE (GFT)**, **carbon**, or **silicon carbide**, with metal parts of **SS 316** or **Hastelloy-C**, ensuring all components in contact with the media are chemically inert.

Materials

Seal Ring Faces	: Carbon, SiC and TCc
Seat Faces	: Ceramic and SiC
Elastomer	: PTFE and GFT
Metal parts	: SS 316, Hast -C and Alloy 20
Bellow MOC	: PTFE + GFT Composite

Operating Range

Shaft Dia.	: 25mm to 100mm
Pressure	: Up to 25 bar
Temperature	: -45 °C to +120 °C
Speed	: Up to 3000 RPM

Features

For plain shafts
 Maximum corrosion resistance
 Outside mounted
 Independent of direction of rotation

