

## SS-Rugged-Flat

### General Information

A compact, reliable seal designed for vacuum applications below 0.3 bar absolute pressure, offering extremely low leak rates. With excellent conformability to irregular surfaces and availability in durable FKM, it's ideal for semicon, space, and other critical vacuum environments.



### Features

- High-Pressure Tolerance: Rated for pressures up to 8 bar.
- Versatile Orientation: Functions effectively in any orientation.
- Compact Corner Compatibility
- Requires a U-channel groove
- Can be mounted with glue or tape for added convenience.
- Non-Reinforced Design: Best suited for applications within the 8-bar range.

Property	Unit	Value
Recommended Materials	–	Any Material
Pressure range	Bar	Up to 8 Bar
Recommended Minimum Radius	R/RI/RO	3/3/3**
Ideal Aspect Ratio	Width:Height	1 : 1
Dimensions	–	Customizable*
Expansion	–	Low
Ideal Orientation	–	Any Orientation

\* contact Sealshift for more information, or check out our profile configurator [here](#) for more info.

\*\*R = Axial expansion(profile width\* X) / RI = Radial Inwards Expansion (profile height \* X) /

*This technical information and any guidance provided—whether verbal, written, or based on test data—is shared in good faith. Recommendations do not imply a warranty of suitability or fitness for a specific purpose, even when proprietary rights are involved. You are solely responsible for verifying the product's compatibility with your application through your own testing and assessment. Use, storage, and application of this material are beyond our control and remain your responsibility. All details are subject to change without prior notice.*