

SS-Flex-Flat

General Information

A high-expansion sealing profile ideal for radial outward applications requiring maximum contact surface and minimal diameter increase. Capable of handling high pressures (10+ bar) with low leak rates. Supports glue mounting for radial inward or axial expansion. Versatile and customizable for lids, machines, grippers, and pipes.



Features

- **Maximum Expansion:** Designed for radial outward applications.
- **High Pressure Tolerance:** Reinforced design supports pressures over 10 bar.
- **Material Flexibility:** Available in any material to suit specific applications.
- **Versatile Applications:** Ideal for lids, machines, grippers, and pipes.
- **Customizable:** Tailored dimensions and configurations for diverse needs.
- **Efficient at Any Pressure:** Provides high expansion at any pressure

Property	Unit	Value
Recommended Materials	–	Any Material
Pressure range	Bar	Up to 3(12)bar*
Recommended Minimum Radius	R/RI/RO	10/5/3**
Ideal Aspect Ratio	Width:Height	1 : 1
Dimensions	–	Customizable*
Expansion	–	High*
Ideal Orientation	–	Radial Out

* contact Sealshift for more information, or check out our profile configurator [here](#) for more info (x)= fabric reinforced pressure range.

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

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