

SS-Flex-Frogleg

General Information

A low-profile, resilient seal with excellent deflection properties, ideal for high-cycle applications like lids and covers. Suitable for low to moderate pressure, supports tight-radius configurations without molded corners, and requires a U-channel groove. Easy to clean, versatile, and customizable in material and dimensions.



Features

- **Compact Profile Design:** For applications with height & width restrictions.
- **High-Cycle Durability:** Performs reliably in repetitive movement scenarios.
- **Supports Tight Radii:** Configurable in small-radius setups
- **Easy Maintenance:** Smooth design for effortless cleaning.
- **Material Flexibility:** Customizable in any material to suit specific needs.
- **Custom Dimensions:** Can be tailored to precise application requirements.
- **Low to Moderate Pressure:** Optimized for these ranges with groove mounting.

Property	Unit	Value
Recommended Materials	–	Any Material
Pressure range	Bar	Up to 3 Bar*
Recommended Minimum Radius	R/RI/RO	4/4/4**
Ideal Aspect Ratio	Width:Height	1 : 1
Dimensions	–	Customizable*
Expansion	–	High*
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) /

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