

Sumiflon Mushseal

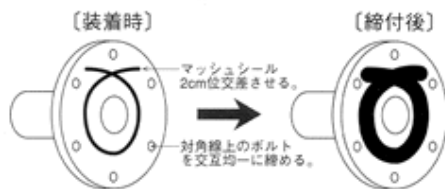


Features & Benefits

- 1) Soft gaskets made of PTFE fluoropolymers
- 2) Superb sealing performance
- 3) The adhesive side allows easy handling
- 4) Economical, since you can cut the products in the exact length you need
- 5) 4 sizes available to meet various applications
- 6) Superior tensile strength

How To Use

- 1) Clean the flange surface of the object to be applied
- 2) Peel the release liner and expose the adhesive liner. Apply the adhesive liner and press it onto the center part of the flange surface. Overlap the cut ends by 1 to 2 cm at a bolt position.
- 3) Tighten each bolt evenly. (Refer to the picture on the right.)
Be sure to do it diagonally



Sumiflon Mushseal

This is the sizing chart so that you can determine the correct size of **Sumiflon Mushseal** to be used in your application.

Size of Flange	- 500A	500 - 1000A	1000 - 1500A
Size of Mushseal	MS-3 to 9	MS-6 to 12	MS-9 to 12

The table below shows standard thickness and width of **Sumiflon Mushseal** after compression.

Item Name	Thickness After Compression (mm)	Width After Compression (mm)
MS - 3	0.2	5
MS - 6	0.4	8
MS - 9	0.7	12
MS - 12	1.0	17

Applications

Sumiflon Mushseal are used as piping flange gaskets, piping sealants, and sealing gaskets for tanks, casings, ducts, pressure vessels, heat exchangers, cooling towers, reaction vessels, various kinds of lining vessels, and large diameter equipment


**** Do not attempt to use Sumiflon Mushseal for any applications other than mentioned above.**

**** Do not attempt to use Sumiflon Mushseal for any application involving with city gas, LPG, and toxic gas.**

**** Do not attempt to burn Sumiflon Mushseal and its reel since they may generate toxic gas when burned.**

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Properties

Item	Properties
Melting Point	327 °C
Minimum Constriction	3mm.....75kg/cm 6mm.....100kg/cm 9mm.....125kg/cm 12mm.....150kg/cm
Max. Operating Pressure	Gas.....20kg/cm ²
	Liquid.....50kg/cm ²
Operating Temperature	-100 °C to +260 °C
Chemical Resistance	Resistant to acids, alkalis, and other solvents <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p> Do not attempt to use fused alkali metal and high-temperature fluorine since they may damage Sumiflon Mushseal.</p> </div>

Sizes

Item Name	Width (mm)	Length (m/reel)	Remarks
MS-3	3	30	Thickness is approximately half the width.
MS-6	6	15	
MS-9	9	8	
MS-12	12	5	

***The following products are also available upon request.**

Cord-shaped: 16 mm and 20 mm (width)

Tape-shaped: 1 mm (thickness) x 20 mm, 30 mm, or 50 mm

Sumiflon Mushseal

(width)

3 mm (thickness) ×20 mm, 30 mm, or 50 mm

(width)

Economical Advantages

- 1) Sumiflon Mushseal are free-size and cord-shaped products.
- 2) The products can be cut and used in the exact length you need without loss of the products.
- 3) The cost of the products can be reduced by approximately 50%, compared with conventional products.

Caution!

- Some chemicals may damage the products. Contact us for further information beforehand.
- All statements and technical information contained herein are based on tests we believe to be reliable and only general properties are described, so that safety of each application by the users is not guaranteed. For safety reason, the users themselves shall determine suitability for their intended use.
- The users assume all responsibility for all damages that may be caused directly or indirectly when using the products.

All description herein are based on the data and information available at this time and may subject to change without notice.