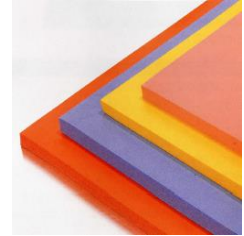


# SR Sponge Sheet

Silicone Rubber Sponge Sheet

- Highly Foamed SR Sponge Sheet
- Flame Retardant SR Sponge Sheet
- Low Foamed SR Sponge Sheet



## ■ Highly Foamed Silicone Rubber Sponge Sheet

### Features

- Excels in heat insulating properties.
- Excels in impact resilience.
- Generally usable in wide temp. range of -60~+200°C, depending on the degree of compression.
- Closed cell structure.
- Expansion ratio: Approximately 4 times.
- Softer and smoother than Low Foamed Silicone Rubber Sponge Sheet, and has fine-cell geometry.

### Applications

- Various gaskets, packings and etc.
- Heat resistant cushion materials.
- Heat insulating material.
- Electronic parts, electrical parts and automobile parts.

## ■ Properties : Highly Foamed Silicone Rubber Sponge Sheet

Item Name	Properties	Apparent Density g/cm <sup>3</sup>	General Properties			Compression Set 150°C×24h %	Heat-Resistant Aging 230°C×72h			Heat Thermal Conductivity W / (m·K)	Color Standard
			Hardness Type E	Tensile Strength at Break MPa (kgf/cm <sup>2</sup> )	Elongation at Break %		Hardness Change Type E	Change Rate of Tensile Strength at Break %	Change Rate of Elongation at Break %		
SR Sponge Sheet E15		0.33	15(15)	1.0 {10.2}	250	8	+ 2	- 55	- 48	5.0 × 10 <sup>-2</sup>	Red

JIS K 6250

- Condition of compression set : Measured in 3hrs after removing 40% compression load.
- Please consult us the grades other than listed above.
- Test method of the heat thermal conductivity : Compliant with JIS A 1414-2: 1999 (HFM method)
- Please consult us on colors other than the above mentioned standard color.

## ■ Dimension : Width × Length : □500mm

Thickness (mm)	Tolerance (mm)	Surface Condition	
		Both sides skin	One side skin
1.5	± 0.3	×	○
2	± 0.4	×	○
3	± 0.4	×	○
4	± 0.4	○	○
5	± 0.5	○	○
6	± 0.5	○	○
7	± 0.7	○	△
8	± 0.8	○	○
10	± 1.0	○	○
12	± 1.0	○	△
15	± 1.5	○	○
20	± 2.0	○	×
30	± 3.0	○	×

- : Available
- ×
- △ : Please consult us.

- Please consult us on sizes other than the above listed.



- These products should not be incinerated wherever possible because harmful gas to humans might be generated if they are immoderately burned.
- The life of these products at actual use are greatly affected by condition of the use. The user is requested to confirm it beforehand by using sample in the case of use under severe condition.
- These products should be stored away from natural rubber products and synthetic rubber products because they can be easily contaminated depending on the storage environment.
- Please consult us in advance if there is a requirement in odor.