

■ Low Foamed Silicone Rubber Sponge Sheet

Features

- Excels in heat insulating properties and impact resilience.
- Generally usable in wide temp. range of -60~+200°C, depending on the degree of compression.
- Closed cell structure.
- Expansion ratio: Approximately double times.
- Larger size is available than Highly Foamed Silicone Rubber Sponge Sheet.

Applic Applications

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

■ Properties : Low Foamed Silicone Rubber Sponge Sheet

Item Name	Properties	Apparent Density g/cm ³	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 ²)	Elongation at Break %		Hardness Change Type E	Change Rate of Tensile Strength at Break %	Change Rate of Elongation at Break %		
SPO-35R1		0.54	35 (35)	4.9 {50}	370	19	- 12	- 54	- 20	1.2 × 10 ⁻¹	Red

- Condition of compression set : Measured in 30 min. after removing 25% compression load.
- Please consult us on grades other than listed above.
- Please consult us on colors other than the above mentioned standard color.
- Test method of the heat thermal conductivity : Compliant with JIS A 1414-2: 1999 (HFM method)

JIS K 6250

■ Dimension · Width1m×Length2m · Surface Condition: with both side skin

Thickness (mm)	Tolerance (mm)	Thickness (mm)	Tolerance (mm)	Thickness (mm)	Tolerance (mm)
2	± 0.5	6	± 0.6, - 0.5	11	+ 1.1, - 0.5
3	± 0.5	7	± 0.7, - 0.5	12	+ 1.2, - 0.5
4	± 0.5	8	+ 0.8, - 0.5	15	+ 1.5, - 0.75
5	± 0.5	10	+ 1.0, - 0.5	20	+ 2.0, - 1.0

Surface condition : with both side skin

- 1m × 3m is also available as custom made product.
- Please consult us on sizes other than listed above.
- These items highlighted in this color are our standard products.



- 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.