



SILICONE SPONGE Sheet/Tube/String square

シリコンスポンジ

Silicone Sponge Sheet

■ Sheet



Silicone sponge with double-sided tape.

Heat resistance 200°C

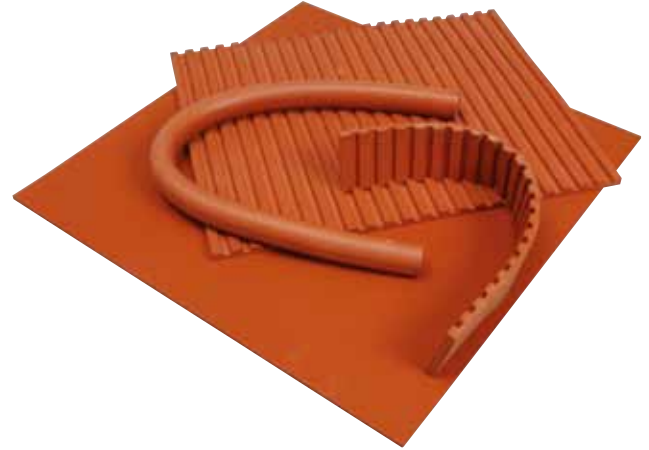
- Can be cut in any shape.
- Excellent in heat insulation and heat retention.
- Heat resistance from -60°C to 200°C.

RoHS Compliance

Selection Standard

Product code	Thickness (mm)	Hardness (°)	Thermal conductivity (W/m·K)	Size (mm×mm)
SS1-1000-1000	1	25	8.3×10^{-2}	1000x1000
SS2-500-500	2	35	7.4×10^{-2}	500x 500
SS2-500-1000				500x1000
SS2-1000-1000				1000x1000
SS2-1000-2000				1000x2000
SS3-500-500				500x 500
SS3-500-1000	500x1000			
SS3-1000-1000	1000x1000			
SS3-1000-2000	1000x2000			
SS5-500-500	5			500x 500
SS5-500-1000				500x1000
SS5-1000-1000		1000x1000		
SS5-1000-2000		1000x2000		
SS8-500-500	8	500x 500		
SS10-500-500	10	500x 500		
SS15-500-500	15	500x 500		
SS20-500-500	20	15	5.0×10^{-2}	500x 500

Consult us for other sizes.



Heat retention

Heat insulator

Antifreezing

Heat-resistant cushioning

Purpose

- Various gaskets and packings
- Electronic equipment, electrical component, and automobile parts
- Piping line

◆ This product is developed and manufactured for general industrial use.

◆ If the product is used for medical, food, or other special purposes, check the safety of the product by your company before use.

NEW

With double-sided tape release paper



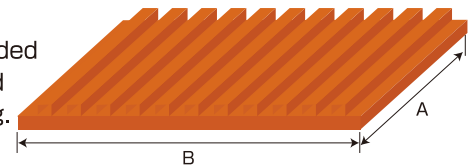
(Custom-made product) With double-sided tape release paper

Product code	Thickness (mm)	Hardness (°)	Size (mm×mm)
SSP2-500-500	2	35	500x500
SSP3-500-500	3		500x500
SSP5-500-500	5		500x500
SSP8-500-500	8		500x500
SSP10-500-500	10		500x500
SSP15-500-500	15	15	500x500
SSP20-500-500	20		500x500

Consult us for other sizes.

● Caterpillar

This is recommended for warping around the can and piping.



Selection Standard

Product code	Thickness (mm)	Hardness (°)	Size (mm×mm)
SSK-10-370-450	10	15	370 x 450
SSK-15-400-550	15		400 x 550



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NEW

Flame retardant silicone sponge sheet

RoHS Compliance

Silicone sponge sheet with flame retardant UL94V-0

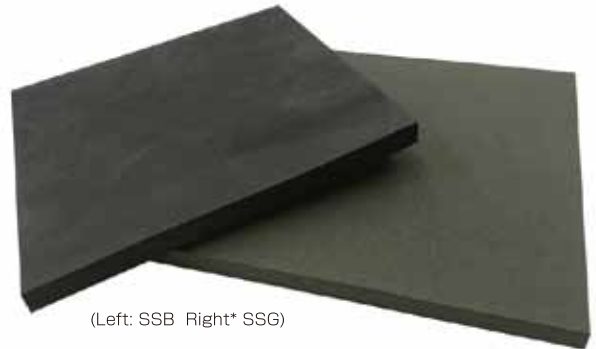
[Features]

- The SSG type is a UL-compliant product with a heat resistance of 200°C.(Not certified.)
- The SSB type is a UL-certified product with a heat resistance of 150°C.

Selection Standard

Product code	Heat resistant (°C)	Hardness (°)	Color	Flame retardant	Thickness (mm)	Size (mm×mm)
SSG-1-1000-1000	200	15	Dark gray	V-O Conformance	1	1000x1000
SSG-3-1000-1000					3	
SSB-1-1000-1000	150	15	Black	V-O Certification	1	
SSB-3-1000-1000					3	

Flame retardance		SSG Type	SSB Type
Normal physical properties	Apparent density(g/cm3)	0.50	0.30
	Tensile strength(MPa)	1.2	0.4
	Stretch(%)	375	150
	Tearing strength(N/mm)	3.9	1.1
Heat-resistant	Change in Tensile strength (%)	-42	-12
	Elongation(%)	-50	+33
	Change in hardness(point)	+15	+1
	Test condition	180°C×72H	120°C×72H
Resistance to ozone		No abnormality	
Fire retardant test		V-O Conformance	V-O Certification



(Left: SSB Right* SSG)

(Numerical values in the table are examples of characteristics and not standard values.)

SSG type SSB type

Safety Measures

Do not handle until all safety precautions have been read and understood.

Appropriate measures such as grounding must be taken when using flammable organic solvents because static electricity may be generated when moving.

Dust and high temperature gases may be generated during grinding or cutting, and it may irritate eyes, nose, respiratory apparatus, or skin. Avoid abnormal temperature rises during machining and ensure proper exhaust and ventilation by using a local exhaust ventilation system.

First Aid

In case of fire or combustion, extinguish the fire by using water infection, powder fire extinguisher, carbon dioxide and dry sand.

Wear appropriate protective clothing as toxic gases may be generated.

Although there is no information on any special effects on the human body, wash the parts touched as necessary with soap.

Storage

Avoid direct sunlight, water leakage, high temperatures, and outdoor storage, and store in a cool and dark place. Do not bend or deform the cable. It is classified as a specified combustible substance when the storage quantity exceeds 3000 kg.

Control it in accordance with the Fire Defense Law if the product is handled in excess of the specified quantity.

Disposal

Dispose of the product as industrial waste in a safe facility such as a waste incinerator approved by law.

Precautions for Use

This product is developed and manufactured for general industrial use.

If the product is used for medical, food, or other special purposes, check the safety of the product by your company before use.

SSB type

Signal words

Danger

Hazard statement

Suspected of carcinogenicity

Organ damage due to prolonged or repeated exposure



SSG type

[Substances to be notified] Zinc oxide Mineral oil Silica Titanium oxide Iron oxide

SSB type

[Substances to be notified] Zinc oxide Carbon black Mineral oil Silica Zinc stearate



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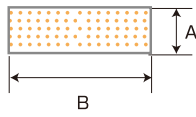
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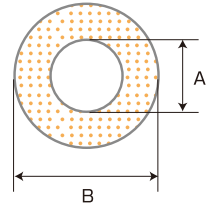
Silicone Sponge String Square



Selection Standard

Product code	Hardness (°)	Size (A×B) (mm×mm)
SH3-30-3	20	3 x30 3m
SH3-30-10		3 x30 10m
SH3-30-50		3 x30 50m
SH5-30-3		5 x30 3m
SH5-30-10		5 x30 10m
SH5-30-50		5 x30 50m
SH10-30-3		10x30 3m
SH10-30-10		10x30 10m
SH10-30-50		10x30 50m
SH15-30-3		15x30 3m
SH15-30-10		15x30 10m
SH15-30-50		15x30 50m

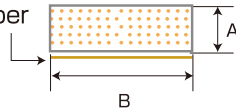
Silicone Sponge Tube



Selection Standard

Product code	Hardness (°)	Size (A×B) (mm×mm)
ST10-20-1	20	φ10 x φ20 1m
ST10-25-1		φ10 x φ25 1m
ST15-25-1		φ15 x φ25 1m
ST20-30-1		φ20 x φ30 1m
ST25-45-1		φ25 x φ45 1m
ST10-20-3		φ10 x φ20 3m
ST10-25-3		φ10 x φ25 3m
ST15-25-3		φ15 x φ25 3m
ST20-30-3		φ20 x φ30 3m
ST25-45-3		φ25 x φ45 3m

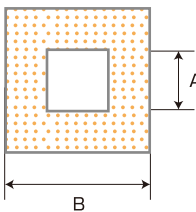
◆With double-sided tape release paper



Selection Standard

Product code	Hardness (°)	Size (A×B) (mm×mm)
SHP3-30-1	20	3 x30 1m
SHP5-30-1		5 x30 1m
SHP10-30-1		10 x30 1m
SHP15-30-1		15 x30 1m

Silicone Sponge Square Tube



Selection Standard

Product code	Hardness (°)	Size (A×B) (mm×mm)
SK6-10-3	20	6x10 3m
SK6-10-10		6x10 10m
SK6-10-50		6x10 50m
SK12-20-3		12x20 3m
SK12-20-10		12x20 10m
SK12-20-50		12x20 50m

Other lineup (Custom-made product)

Product code	Hardness (°)	Size (A×B) (mm×mm)
ST5 - 15 - 50	20	φ 5 x φ15
ST5 - 20 - 50		φ 5 x φ20
ST10 - 20 - 50		φ10 x φ20
ST10 - 25 - 30		φ10 x φ25
ST10 - 30 - 30		φ10 x φ30
ST10 - 35 - 25		φ10 x φ35
ST15 - 25 - 30		φ15 x φ25
ST15 - 30 - 30		φ15 x φ30
ST15 - 35 - 25		φ15 x φ35
ST15 - 40 - 25		φ15 x φ40
ST15 - 45 - 20		φ15 x φ45
ST20 - 30 - 30		φ20 x φ30
ST20 - 35 - 25		φ20 x φ35
ST20 - 40 - 25		φ20 x φ40
ST20 - 45 - 20		φ20 x φ45
ST25 - 40 - 25		φ25 x φ40
ST25 - 45 - 20		φ25 x φ45

