

Silicone sponge that traps **HEAT**

Three key points

Point 1 Insulation

The air inside the bubbles has a low thermal conductivity, so when heat enters the bubbles, its thermal energy is absorbed, preventing temperature rise. This allows the silicone sponge to prevent the intrusion of external heat and helps maintain indoor temperatures.

Point 2 High Heat Resistance

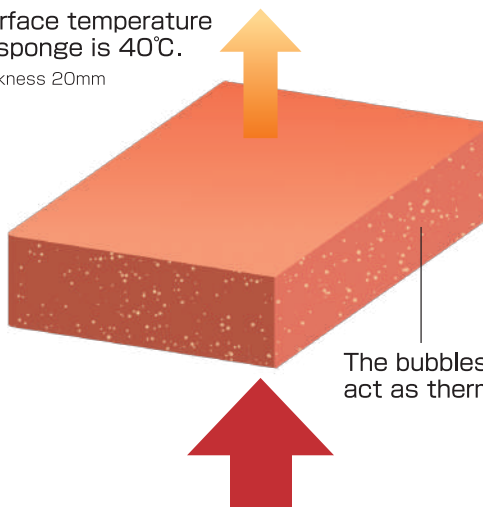
The reason silicone sponge possesses heat resistance is primarily due to the characteristics of silicone material. Silicone is an organic compound, and its molecular structure enables high heat resistance and durability.

Point 3 Chemical Resistance

Silicone is also resistant to acids and alkalis, making it chemically stable. This ensures that it is less likely to degrade even when exposed to high temperatures or chemicals.

The surface temperature of the sponge is 40°C.

*For thickness 20mm



The bubbles (air layer) act as thermal insulation.

Heat efficiency **UP**

Electricity costs **DOWN**

Heat source at 100°C

RoHS2 RoHS2 compliance

UL UL certified*

HACCP Food safety compliance*

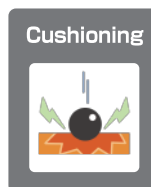
*We have some products that are not covered by this. Please contact our staff for more details.



Maximum 200°C



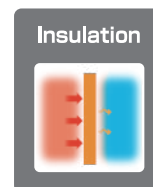
Independent foaming



Hardness 15° to 35°



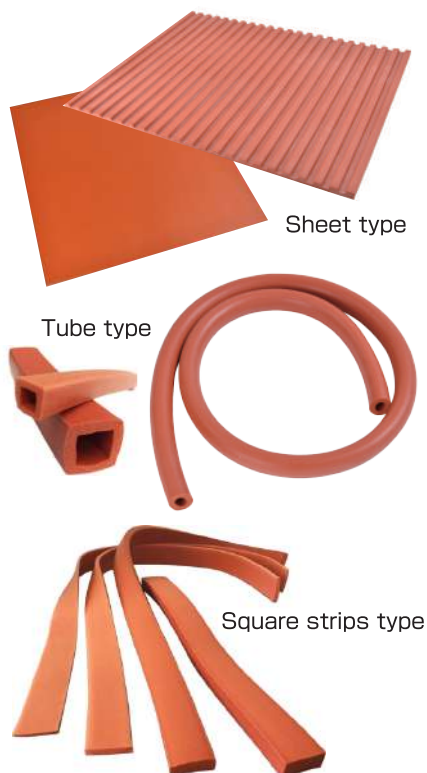
Can be cut with a cutter



Maximum thickness of 20mm

Product lineup

Please refer to the back for details.

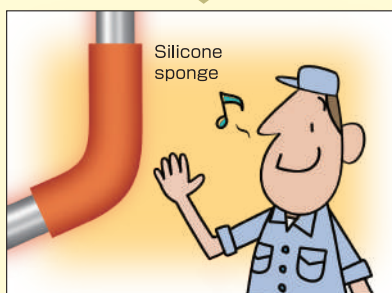


To improve occupational health and safety

Prevents Burning



Before Pipeline surface 100°C

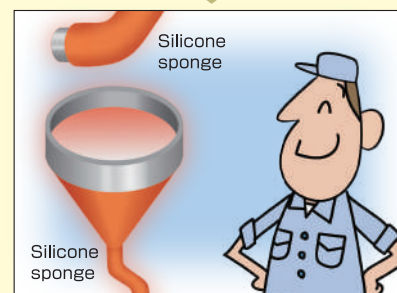


After Sponge surface 40°C

Heatstroke measures



Before Indoor temperature 40°C

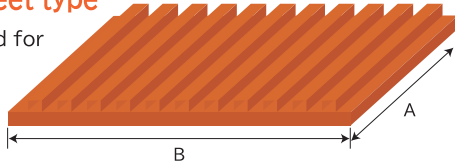


After Indoor temperature 25°C

Silicone sponge

Caterpillar Sheet type

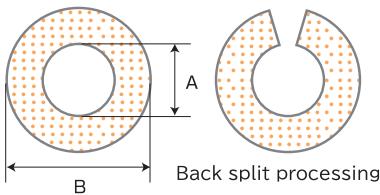
It's recommended for wrapping around cans and pipes.



| Stock items | Product code | Thickness (mm) | Hardness (°) | Size (AxB) (mmxmm) |
|-------------|-------------------------|----------------|--------------|--------------------|
| ● | SSK 10-370- 450-WR-15HS | 10 | 15 | 370x450 |
| ● | SSK 15-400- 550-WR-15HS | 15 | | 400x550 |

※Due to product specifications, wrinkles or minor indentations may occur.

Round tube



At the end of the product code for all silicone sponge products, there is a hardness designation. For example, SH3-30-3-20HS indicates a hardness of 20°. Please make use of this when selecting your product.

| Stock items | Product code | Hardness (°) | Size (AxB) (mmxmm) | Length (m) | Back split processing | | | |
|-------------|-------------------|--------------|--------------------|------------|-----------------------|---------|-----------|---------|
| ● | ST10-20-1- 20HS | 20 | φ10xφ20 | 1 | Unprocessed | | | |
| ● | ST10-20-3- 20HS | | | 3 | | | | |
| ● | ST10-20-50- 20HS | | | 50 | | | | |
| ● | ST10-25-1- 20HS | | | φ10xφ25 | | 1 | | |
| ● | ST10-25-3- 20HS | | | | | 3 | | |
| ● | ST10-25-30- 20HS | | | | | 30 | | |
| ● | ST15-25-1- 20HS | | φ15xφ25 | 1 | | | | |
| ● | ST15-25-3- 20HS | | | 3 | | | | |
| ● | ST15-25-30- 20HS | | | 30 | | | | |
| ● | ST20-30-1- 20HS | | φ20xφ30 | 1 | | | | |
| ● | ST20-30-3- 20HS | | | 3 | | | | |
| ● | ST20-30-30- 20HS | | | 30 | | | | |
| ● | ST25-45-1- 20HS | | φ25xφ45 | 1 | | | | |
| ● | ST25-45-3- 20HS | | | 3 | | | | |
| ● | ST25-45-20- 20HS | | | 20 | | | | |
| ○ | ST10-20-1-SL-20HS | | 20 | φ10xφ20 | | 1 | Processed | |
| ○ | ST10-20-3-SL-20HS | | | | | 3 | | |
| ○ | ST10-25-1-SL-20HS | | | | | φ10xφ25 | | 1 |
| ○ | ST10-25-3-SL-20HS | | | | | | | 3 |
| ○ | ST15-25-1-SL-20HS | | | | | | | φ15xφ25 |
| ○ | ST15-25-3-SL-20HS | | | | | 3 | | |
| ○ | ST20-30-1-SL-20HS | | | φ20xφ30 | | 1 | | |
| ○ | ST20-30-3-SL-20HS | | | | | 3 | | |
| ○ | ST25-45-1-SL-20HS | | | | | φ25xφ45 | | 1 |
| ○ | ST25-45-3-SL-20HS | | | 3 | | | | |

※Due to product specifications, wrinkles or minor indentations may occur. Also, in cases where the shape is elliptical, the back split machining may not be linear.

- ◆This product has been developed and manufactured for general industrial applications.
- ◆If used for medical, food, or other specialized applications, please ensure its safety through prior verification by your company. Regarding the display of items in stock on the table (may also be out of stock).
- Immediate delivery available: Typically shipped on the same or next business day.
- Made-to-order: Typically ships in approximately 3 to 18 business days. For 'Made-to-order' items, please inquire.

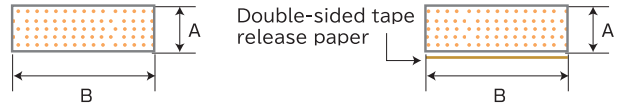
Sheet type



| Stock items | Product code | Thickness (mm) | Hardness (°) | Thermal conductivity (W/m/K) | Size (AxB) (mmxmm) | |
|-------------|-----------------------|----------------|--------------|------------------------------|--------------------|-----------|
| ● | SS 1-1000-1000-25HS※1 | 1 | 25 | 0.083 | 1000x1000 | |
| ● | SS 2- 500- 500-35HS | 2 | 35 | 0.12 | 500x 500 | |
| ● | SS 2- 500-1000-35HS | | | | 500x1000 | |
| ● | SS 2-1000-1000-35HS | | | | 1000x1000 | |
| ● | SS 2-1000-2000-35HS | | | | 1000x2000 | |
| ● | SS 3- 500- 500-35HS | | | | 3 | 500x 500 |
| ● | SS 3- 500-1000-35HS | 500x1000 | | | | |
| ● | SS 3-1000-1000-35HS | 1000x1000 | | | | |
| ● | SS 3-1000-2000-35HS | 5 | | | 1000x2000 | |
| ● | SS 5- 500- 500-35HS | | | | 5 | 500x 500 |
| ● | SS 5- 500-1000-35HS | | | | | 500x1000 |
| ● | SS 5-1000-1000-35HS | | | | | 1000x1000 |
| ● | SS 5-1000-2000-35HS | | | | | 1000x2000 |
| ● | SS 8- 500- 500-35HS | 8 | | | | 500x 500 |
| ● | SS10- 500- 500-35HS | 10 | | | 500x 500 | |
| ● | SS15- 500- 500-35HS | 15 | | | 500x 500 | |
| ● | SS20- 500- 500-15HS | 20 | 15 | 0.055 | 500x 500 | |

※1 In the manufacturing process, there may be cases where small holes of approximately 1mm in size appear on the surface.

Square strips (Bengal red)



| Stock items | Product code | Hardness (°) | Size (AxB) (mmxmm) | Length (m) | Double-sided tape processing | | | |
|-------------|------------------|--------------|--------------------|------------|------------------------------|-----------|-------|-------|
| ● | SH 3-30- 3-20HS | 20 | 3x30 | 3 | Unprocessed | | | |
| ● | SH 3-30-10-20HS | | | 10 | | | | |
| ● | SH 3-30-50-20HS | | | 50 | | | | |
| ● | SH 5-30- 3-20HS | | | 5x30 | | 3 | | |
| ● | SH 5-30-10-20HS | | | | | 10 | | |
| ● | SH 5-30-50-20HS | | | | | 50 | | |
| ● | SH 10-30- 3-20HS | | 10x30 | 3 | | | | |
| ● | SH 10-30-10-20HS | | | 10 | | | | |
| ● | SH 10-30-50-20HS | | | 50 | | | | |
| ● | SH 15-30- 3-20HS | | 15x30 | 3 | | | | |
| ● | SH 15-30-10-20HS | | | 10 | | | | |
| ● | SH 15-30-50-20HS | | | 50 | | | | |
| ○ | SHP 3-30- 1-20HS | | 1 | 3x30 | | Processed | | |
| ○ | SHP 5-30- 1-20HS | | | | | | 5x30 | |
| ○ | SHP10-30- 1-20HS | | | | | | | 10x30 |
| ○ | SHP15-30- 1-20HS | | | 15x30 | | | | |
| ● | SH 5-60- 3-20HS | | | | | | 5x60 | |
| ● | SH 5-60-10-20HS | | | | | | | 10 |
| ● | SH 5-60-30-20HS | | 30 | | | | | |
| ● | SH 10-60- 3-20HS | | 10x60 | 3 | | | | |
| ● | SH 10-60-10-20HS | | | 10 | | | | |
| ● | SH 10-60-20-20HS | | | 20 | | | | |
| ○ | SHP 5-60- 1-20HS | | 1 | 5x60 | | Processed | | |
| ○ | SHP10-60- 1-20HS | | | | | | 10x60 | |

※If you have any other size preferences or requests, please feel free to inquire. ※Due to product specifications, wrinkles or minor indentations may occur.

