


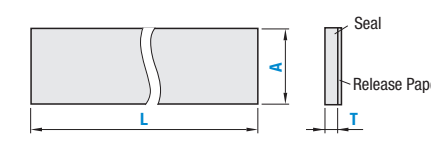
Sponge Tape



Sponge Tape

RoHS10

Type	Material	Hardness	Color
SGNPTA	EPDM Synthetic Rubber Sponge	Asker C8	Black
SGNATA	Silicon Rubber Sponge	Asker C35	Orange
EPATA	EPDM Synthetic Rubber Foam (EPT Sealer®)	(Asker C1 or Less)	Black



Seal
Release Paper

Characteristic Data P2618

A Dimension Tolerance		L Dimension Tolerance	
SGNPTA		SGNPTA	500 1000
SGNATA	±1.5	SGNATA	±3 ±5
EPATA	±2.5	EPATA	500, 1000 1500, 2000
			+14 +15 -6 -8

Part Number	T	Tolerance	Selection	
Type	T		A	L
SGNPTA SGNATA	3	±0.5	10 15 20 30 50	500 1000
	5			
	10			
	10			
EPATA	3	±1.0	10 15 20 30 50	500 1000 1500 2000
	5			
	10			
	10			

Part Number Example: **SGNPTA3 - 10 - 1000**

Features of EPATA

This product is made of semi-closed cell foam, which can be compressed with little resistance. The foam becomes a closed-cell structure after compression. This product is a high performance sealer that has the capability of filling gaps to shut out heat, water and sound.

Characteristic Values

Testing method conforms to JIS K 6767.

Measurement Item	Unit	EPATA
Specific Gravity	—	0.095
Tensile Strength	kg/cm ²	0.90
Elongation	%	430
Compressed Hardness	25%	0.02
	50%	0.05
Air Bubble	—	Semi-closed Cell

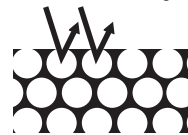
Compression Ratio (%)	EPATA
50	Poor
60	Acceptable
70	Good
80	Good

Good: No leakage of water after 30 mins.
Acceptable: Leakage of water is seen within 30 mins.
Poor: Leakage of water is seen within 10 mins.

Features of Closed-Cell Type (SGNPTA & SGNATA):

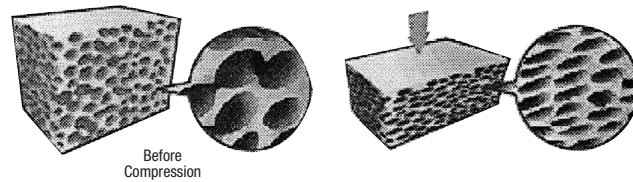
Bubbles are separated from each other, so air and water cannot pass through the material. It also excels in shock absorption.

Air and water cannot go through.




Semi-Closed Cell Structure (EPATA)

After Compression



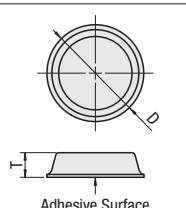
Rubber Bumpers / Shock Absorbing Foam

Rubber Bumpers



RoHS10

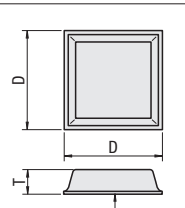
BMPM (Round)



Adhesive Surface

12 pcs. per package It may be divided into several sheets.

BMPK (Square)



Adhesive Surface

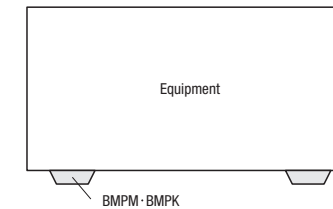
Material: Main Body: Polyurethane
Adhesives: Acrylic Type
Hardness: Shore A70

Part Number	Type	No.	D	T
BMPM		5312	12.7	3.6
		1005	19	5
BMPK		5008	12.7	3
		1037	15	5

Part Number Example: **BMPM5312**
BMPK1037

Application Example

It can be used as door stoppers, simple rubber feet, etc.

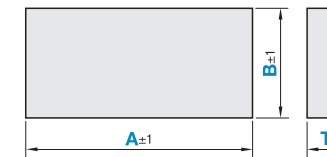


Shock Absorbing Form



RoHS10

Type	Material		Color
	Body	Adhesive Part	
PRGCS	Copolymerized Foam of Acrylic, Urethane and Rubber	Acrylic Adhesives	Black
PRGCW		Acrylic Adhesives	White



- Peel off backing paper to adhere it to an object. Be sure to clean any oil or dust off the affixed surface.
- Can be cut with a utility knife. Cut with the adhesive side up. Remove the protective film from the surface before use.

Properties

Item	PRGCS	PRGCW
Density	0.32 g/cm ³	
Tensile Strength	4.5 kg/cm ²	
Elongation	250%	
Rebound Rate	0.1% or Less	

Features

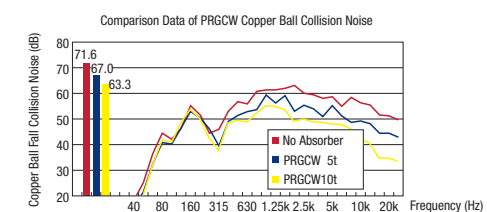
- Excellent sound dampening and vibration absorbing characteristics.
- Flexible material can be pasted on curved surfaces with ease.
- Lightweight material can be applied on large panel areas.
- Best suited for human body protection. Can be pasted in multi-layers where more protection is needed.

Adhesive Strength (90° Peeling Strength): 19.6 N/25 mm Width (When affixed to 304 Stainless Steel)

Part Number	A Selection	B Selection
PRGCS PRGCW	3	100
		400
		800
	5	100
		400
		800
10	100	100
	400	200
	800	300
	100	400
	400	400
	800	500

Part Number Example: **PRGCS3 - 100 - 200**

Steel Ball Collision Noise Level Test



Item	No absorbing material	PRGCW5	PRGCW10
Colliding Sound (dB)	71.6	67	63.3
Sound Pressure	—	40% reduced sound pressure	60% reduced sound pressure

* A steel ball (200, 36g) is dropped on a wooden base from a 55 cm height, and the sound pressure level is measured with a microphone at a distance of 50 m, positioned 50 cm above the ground.