

Gel tack series

POINT

- ① A powerful adhesive gel that improves the self-adhesiveness of urethane through an original formulation.
- ② It can be pasted and peeled off, so there is no need to worry about glue transfer.
- ③ It does not contaminate a contact surface because of unincluding a plasticizer.
- ④ It is possible to use repeatedly by washing.

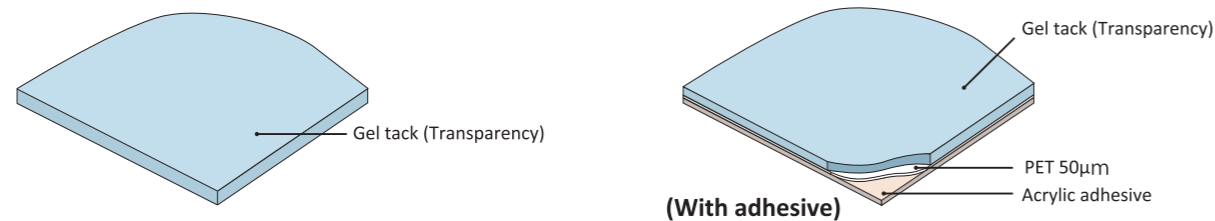
Image for use



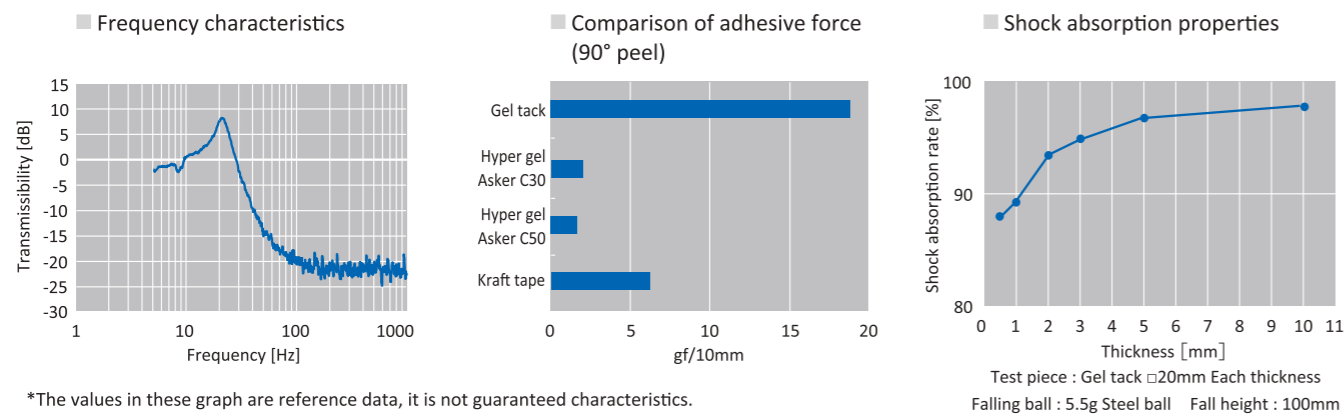
Strong adhesive gel sheet for shock absorption. For fall prevention of cabinets, TV, and equipments. It is possible to use as a suction cup. We also have products that already punched for using easily.

Structure (There are protective films on both sides of the product.)

It is a strong adhesive gel with enhanced adhesiveness of urethane gel. It can be used for fall prevention, temporary fixing materials, and suction pads.



Test results



How to use

- It is possible to cut to the size your choice with scissors or roller cutter. *It is hard to cut anything thicker than 3mm.
- After removing the dirt on the surface to be pasted, peel off the protective film on one side and paste, then peel off the protective film on the other side and paste.

Caution

Notes

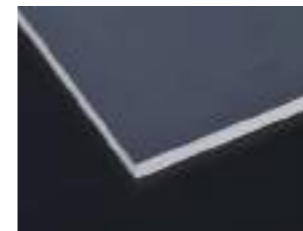
- Adhesion becomes weak when got the water on the gel. Avoid using it in places where it may get wet.
- When installing, place the gel so that the force is evenly applied to the four corners or several places on the bottom.
- Due to the characteristics of sticking and peeling off walls and vertical surfaces, it is easy to peel off.
- If you use it for a long time, it may become difficult to peel off.
- When removing the gel, if you pull it strongly, the paint on the installation surface may come off.
- Avoid using soft PVC or materials that contain a lot of plasticizer.
- Please use so that the bottom and installation surface are flat and the weight is applied to the entire gel surface.
- It cannot be used for water-repellent items.
- This product reduces the damage caused by earthquakes. We are not responsible for damage accidents or damage caused by using this product.
- Please use indoors without direct sunlight.
- This product is not edible.
- Keep this product out of reach of children.

How to peel off the gel

- When removing, pinch the edge of the gel and pull it out slowly.
- If it is difficult to remove, moisten a thin plastic card with water and slowly insert it between the gel and the mounting surface. Moisture will weaken the adhesive and make it easier to remove.
- After removal, there may be a difference between the installation location and the surroundings depending on the material.

Gel tack sheet

Gel tack is a strong adhesive gel sheet with vibration and shock absorption.



| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| GT-1 | 500×500 | 1.0 | Asker C23 |
| GT-2 | | 2.0 | |
| GT-3 | | 3.0 | |
| GT-5 | | 5.0 | |

Gel tack sheet with adhesive

One side is pasted acrylic adhesive.

| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| GT-1T | 500×400 | 1.0 | Asker C23 |

CHECK

We also hear to cut to the size your choice, please contact us.

Gel tack sheet cutting type

The sheets are cut to small sizes for purchasing easily.



| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| GT2-1010 | 100×100 | 2.0 | Asker C23 |
| GT2-2525 | 250×250 | | |
| GT2-2550 | 500×250 | | |
| GT3-1010 | 100×100 | 3.0 | |
| GT3-2525 | 250×250 | | |
| GT3-2550 | 500×250 | | |
| GT5-1010 | 100×100 | 5.0 | |
| GT5-2525 | 250×250 | | |
| GT5-2550 | 500×250 | | |



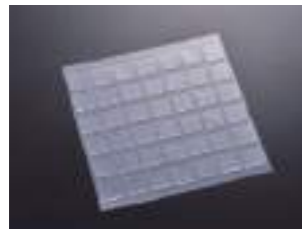
Gel tack series

Gel tack punching type



POINT

- ① It is a gel tack sheet punched into a size that is easy to use.
- ② The half-cut finished makes it easy to remove.



Gel tack square shape

It is a gel tack sheet punched into a size that is easy to use.

| Part Number | Size (mm) | Thickness (mm) | Hardness | Proper load (per 1 pc) | Quantity per pack |
|-------------|-----------|----------------|-----------|------------------------|-------------------|
| GT2-20 | 20×20 | 2.0 | Asker C23 | 2.5kg | 100 |
| GT2-30 | 30×30 | | | 5.0kg | 42 |
| GT2-40 | 40×40 | | | 9.0kg | 25 |
| GT2-50 | 50×50 | | | 15.0kg | 16 |
| GT2-60 | 60×60 | | | 21.0kg | 9 |
| GT2-80 | 80×80 | | | 38.0kg | 4 |
| GT5-20 | 20×20 | 5.0 | | 3.5 kg | 81 |
| GT5-30 | 30×30 | | | 8.0 kg | 42 |
| GT5-40 | 40×40 | | | 15.0kg | 25 |
| GT5-50 | 50×50 | | | 22.5kg | 16 |
| GT5-60 | 60×60 | | | 32.0kg | 9 |
| GT5-80 | 80×80 | | | 57.0kg | 4 |

*Overall size of sheet is 250x250mm.



Gel tack round shape

It is a gel tack sheet punched into a size that is easy to use.

| Part Number | Size (mm) | Thickness (mm) | Hardness | Proper load (per 1 pc) | Quantity per pack |
|-------------|-----------|----------------|-----------|------------------------|-------------------|
| GT2-20D | Φ20 | 2.0 | Asker C23 | 2.0kg | 100 |
| GT2-30D | Φ30 | | | 4.0kg | 49 |
| GT2-40D | Φ40 | | | 7.0kg | 25 |
| GT2-50D | Φ50 | | | 11.0kg | 16 |
| GT2-60D | Φ60 | | | 17.0kg | 9 |
| GT2-80D | Φ80 | | | 30.0kg | 5 |
| GT2-100D | Φ100 | 47.0kg | | 4 | |
| GT5-20D | Φ20 | 5.0 | | 3.0 kg | 81 |
| GT5-30D | Φ30 | | | 6.0 kg | 36 |
| GT5-40D | Φ40 | | | 11.0kg | 25 |
| GT5-50D | Φ50 | | | 17.0kg | 16 |
| GT5-60D | Φ60 | | | 25.0kg | 9 |
| GT5-80D | Φ80 | | 45.0kg | 5 | |
| GT5-100D | Φ100 | 70.0kg | 4 | | |

*Overall size of sheet is 250x250mm.

Gel tack packaging products



POINT

- ① It is a gel tack sheet punched into a size that is easy to use.
- ② The half-cut finished makes it easy to remove. (except 100×100mm)



Fall prevention sheet

Strong adhesive gel sheet with anti-vibration and shock absorbing property.

| Part Number | Size (mm) | Thickness (mm) | Hardness | Proper load (per 1 pc) | Quantity per pack |
|-------------|-----------|----------------|-----------|------------------------|-------------------|
| 20-2 | 20×20 | 2.0 | Asker C23 | 2.5kg | 24 |
| 100-2 | 100×100 | | | 60.0kg | 1 |
| 40D-2 | Φ40 | | | 7.0kg | 4 |
| 40-5 | 40×40 | 5.0 | | 15.0kg | 4 |
| 50-5 | 50×50 | | | 22.5kg | 4 |
| 100-5 | 100×100 | | | 90.0kg | 1 |

*The proper load is a reference value, not guaranteed value.

*The proper load is a load at 15% strain of maximum load.



Reproduction test of M9 seismic waves from the Great East Japan Earthquake

■ You can check the test of Gel tack sheet.



Install the fall prevention sheet to a 32 inch LCD TV.



Install to a vibration tester.



M9 seismic wave reproduction test conducted.



Since it has a base material, it is easy to use even if it is thin.

Clear tack sheet series

POINT

- ① A thin urethane sheet that can be pasted and peeled off.
- ② It is easy to handle even if thin because there is a base material.
- ③ The dirt on the surface can be cleaned by washing with water and can be used repeatedly.

Image for use



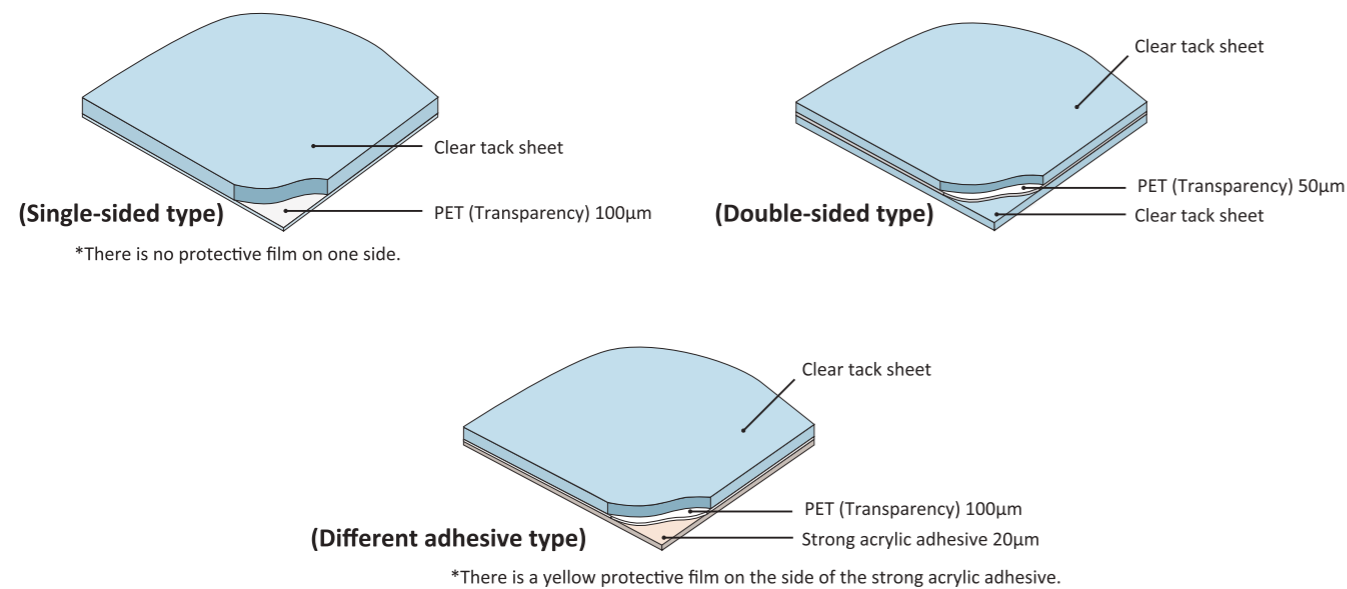
Since it has a base material, it is easy to use.

Dirt on the gel surface can be washed with water and reused.

For simple pasting such as pop.

No sticky residue when peeled off.

Structure (There are protective films on both sides of the product.)



How to use

·You can cut it to your desired size with scissors.

·Clean the surface to be attached, remove the protective film, and attach the Clear tack sheet.

*It is easy to peel off on the wall or vertical surface because of characteristics that is able to paste and peel off.

*Clear tack sheet series is for simple applications and is not durable.



Caution

Notes

- It may deteriorate or melt due to direct sunlight and temperature.
- It may be difficult to peel off depending on the object.
- Avoid using soft PVC or materials that contain a lot of plasticizer.

Clear tack sheet

The urethane sheet with a slightly stronger adhesive force. It is easy to handle because it contains a base material.



Single-sided Clear tack

One side is PET and the other side is adhesive gel that can be pasted and peeled off.

| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| CT-03-500 | 500×500 | 0.3 | Asker C14 |
| CT-05-500 | | 0.5 | |
| CT-10-500 | | 1.0 | |



Double-sided Clear tack

Adhesive gel that can be pasted and peeled off on both sides.

| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| CT-05W-500 | 500×500 | 0.5 | Asker C14 |
| CT-10W-500 | | 1.0 | |



Different adhesive Clear tack

One side is adhesive gel and the other side is acrylic adhesive.

| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| CT-03WT-500 | 500×500 | 0.3 | Asker C14 |
| CT-05WT-500 | | 0.5 | |
| CT-10WT-500 | | 1.0 | |

CHECK

We also hear to cut to the size your choice, please contact us.

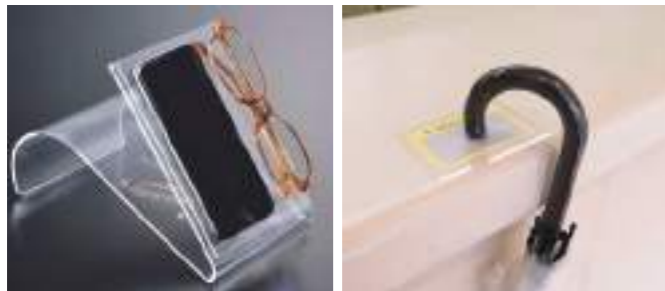
High transparency sheet to prevent slipping.

Pit cushion sheet series

POINT

- 1 Urethane sheet has an excellent elasticity and transparency.
- 2 It does not change color by UV rays. (*The adhesive part may turn yellow.)
- 3 There is a high effect to prevent slipping.

Image for use



It has excellent transparency and is hardly noticeable.

For anti-slip furniture and accessories.

How to use

- You can cut it to your desired size with scissors.
- *It is hard to cut anything thicker than 1mm.
- Clean the surface to be attached, remove the protective film, and attach the Pit cushion sheet.
- *Avoid using soft PVC or materials that contain a lot of plasticizer.

Caution

About discoloration

- *It does not turn yellow under UV rays, but it may turn yellow due to heat.
- *Prolonged exposure to UV rays may cause deterioration.

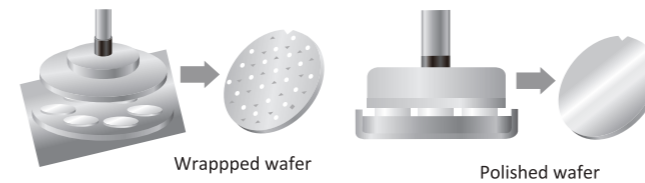
Temporary fixing sheet for polishing silicon wafers.

Soft cushion sheet series

POINT

- 1 Urethane sheet has an excellent elasticity, transparency and shock absorption.
- 2 It does not change color by UV rays. (*The adhesive part may turn yellow.)
- 3 It has high durability and anti-vibration effect.

Image for use



It can be used for temporary fixation of abrasives such as wrapping. It can also be used to buffer of equipment and desks, prevent scratches, and prevent slipping.

How to use

- You can cut it to your desired size with scissors.
- *It is hard to cut anything thicker than 1mm.
- Clean the surface to be attached, remove the protective film, and attach the Pit cushion sheet.
- *Avoid using soft PVC or materials that contain a lot of plasticizer.

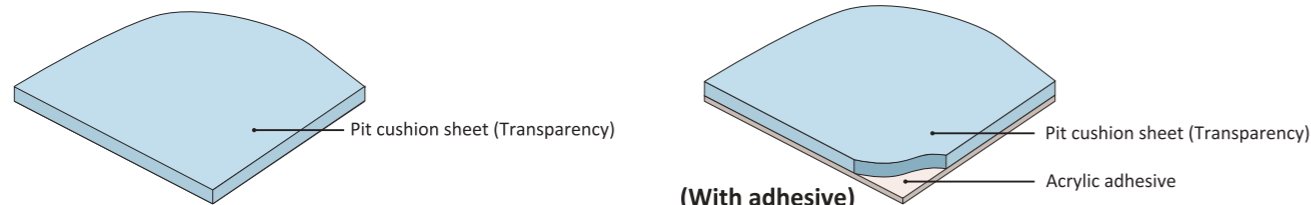
Caution

About discoloration

- *It does not turn yellow under UV light, but it may turn yellow due to heat.
- *Prolonged exposure to UV rays may cause deterioration.

Structure (There are protective films on both sides of the product.)

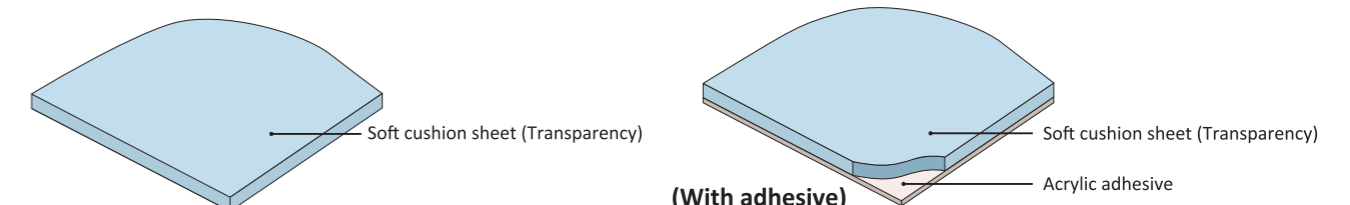
This gel sheet has an excellent elasticity and transparency. No plasticizer is used.



*There is a white protective paper on the side of the acrylic adhesive.

Structure (There are protective films on both sides of the product.)

This gel sheet has an excellent elasticity and shock absorption. No plasticizer is used.



*There is a white protective paper on the side of the acrylic adhesive.

Pit cushion sheet

It is a gel sheet with high anti-slip performance.



| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| P05 | 500×500 | 0.5 | Asker C80 |
| P10 | | 1.0 | |
| P20 | | 2.0 | |

Pit cushion sheet with adhesive

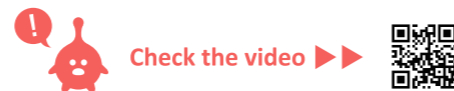
One side is pasted acrylic adhesive.



| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| PT05 | 500×500 | 0.5 | Asker C80 |
| PT10 | | 1.0 | |
| PT20 | | 2.0 | |

CHECK

We also hear to cut to the size your choice, please contact us.



Soft cushion sheet

It is a gel sheet with excellent elasticity and shock absorption. The material is softer than the Pit cushion sheet (P.41).



| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| PS05 | 500×500 | 0.5 | Asker C67 |
| PS10 | | 1.0 | |
| PS20 | | 2.0 | |

Soft cushion sheet with adhesive

One side is pasted acrylic adhesive.



| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| PS05T | 500×500 | 0.5 | Asker C67 |
| PS10T | | 1.0 | |
| PS20T | | 2.0 | |

CHECK

We also hear to cut to the size your choice, please contact us.

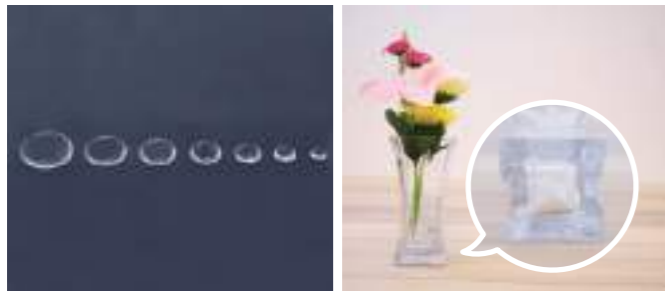
Buffering and soundproofing cushions for doors.

Pit cushion



- 1 Urethane cushion has an excellent anti-slip effect and transparency.
- 2 It does not change color by UV rays. (*The adhesive part may turn yellow.)
- 3 This is seal type to paste easily.

Image for use



Anti-slip cushion with high transparency.

It does not damage glass, acrylic, etc.

How to use

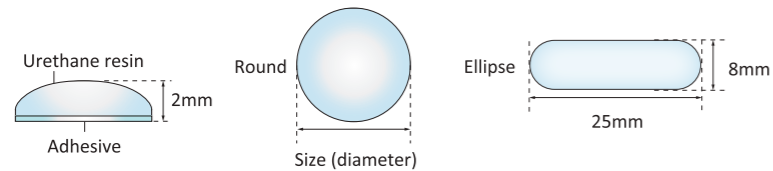
Remove any dirt from the surface to be pasted, remove each grain from the seal mount, and attach it.



■ About discoloration ■

- *It does not turn yellow under UV rays, but it may turn yellow due to heat.
- *Prolonged exposure to UV rays may cause deterioration.

Structure



■ Specifications / Characteristics

| | |
|-------------------|----------------------------|
| Material | Non yellowing polyurethane |
| Hardness | Asker C80 |
| Adhesive | Acrylic adhesive |
| Adhesive strength | 5.5N/10mm |

*Measured values are reference values, not guaranteed values.
*Specifications are subject to change without notice.

Pit cushion

Cushioning material with high anti-slip performance. This material is more transparent than Soft cushion (P.44).



| Part Number | Diameter (mm) | Thickness (mm) | Hardness | Quantity per sheet |
|-------------|---------------|----------------|-----------|--------------------|
| PC-6 | 6 | 2.0 | Asker C80 | 90 |
| PC-8 | 8 | | | 70 |
| PC-10 | 10 | | | 60 |
| PC-12 | 12 | | | 60 |
| PC-14 | 14 | | | 50 |
| PC-16 | 16 | | | 50 |
| PC-20 | 20 | | | 24 |
| PC-30 | 30 | 8 | | |
| PC-25T | 25×8 ellipse | 1.6 | | 40 |

*Size tolerance is ±0.2mm.



We also sell value packs of 1 case unit, please feel free to contact us.



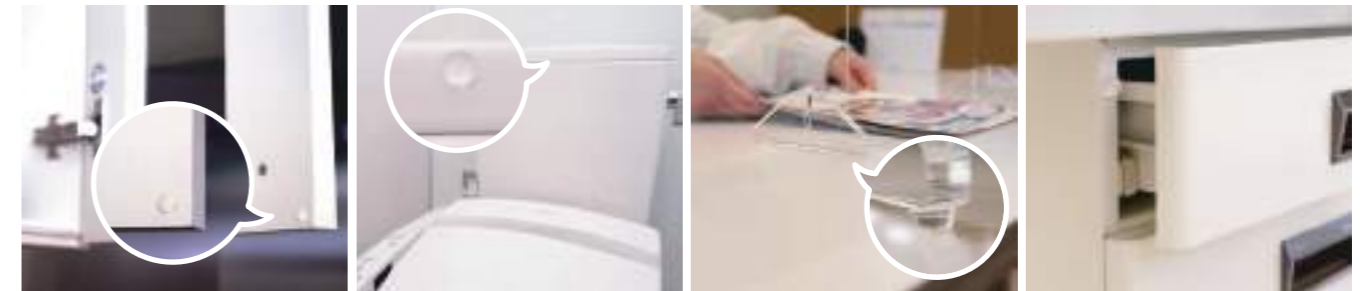
Buffering and soundproofing cushions for doorways that are softer than Pit cushion.

Soft cushion



- 1 Urethane cushion has an excellent elasticity and shock absorption.
- 2 It does not change color by UV rays. (*The adhesive part may turn yellow.)
- 3 This is seal type to paste easily.

Image for use

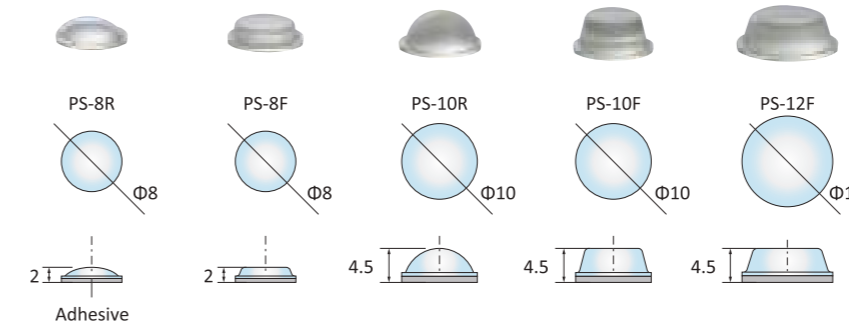


Cushioning material made of softer material than the Pit cushion (P.43).

For buffering of toilet lids. It's transparent, so hardly noticeable.

As a non-slip of acrylic board to prevent droplet infection. For prevention of hit sound of drawer.

Structure



■ Specifications / Characteristics

| | |
|-------------------|----------------------------|
| Material | Non yellowing polyurethane |
| Hardness | Asker C67 |
| Adhesive | Acrylic adhesive |
| Adhesive strength | 5.5N/10mm |

*Measured values are reference values, not guaranteed values.
*Specifications are subject to change without notice.

Soft cushion

Cushioning material with excellent elasticity and shock absorption. Clean the surface to be pasted, remove each grain from the seal mount, and attach it.



| Part Number | Diameter (mm) | Thickness (mm) | Hardness | Quantity per sheet |
|-------------|---------------|----------------|-----------|--------------------|
| PS-8R | 8 | 2.0 | Asker C67 | 100 |
| PS-8F | | | | |
| PS-10R | 10 | 4.5 | | 64 |
| PS-10F | | | | |
| PS-12F | | | | |



■ About discoloration ■

- *It does not turn yellow under UV rays, but it may turn yellow due to heat.
- *Prolonged exposure to UV rays may cause deterioration.



We also sell value packs of 1 case unit, please feel free to contact us.



Flame retardant gel sheet for anti-slip.

Flame retardant non-slip sheet series

POINT

- 1 It has a high anti-slip effect.
- 2 Excellent abrasion resistance.
- 3 Equivalent to flame retardant standard UL94HB.

Image for use



For anti-slip under the charger.



For anti-slip of PC.

Caution

Notes

- *The material of this product is polyurethane, and due to the nature of urethane, part of the contact surface may peel off.
- *Both the urethane surface and the acrylic adhesive surface may migrate or be contaminated depending on the material of the other surface.
- *We recommend that you verify in advance.

Specifications / Characteristics

| | | | |
|----------|---|--------------------------------------|-----------|
| Material | Flame retardant polyurethane (equivalent to UL94HB) | Color | Dark gray |
| Hardness | Asker C70 | Tabor abrasion test | 350mg |
| Adhesive | Acrylic adhesive | Adhesive strength (Acrylic adhesive) | 7.2N/10mm |

*Measured values are reference values, not guaranteed values. *Specifications are subject to change without notice.



Flame retardant non-slip sheet

A flame retardant gel sheet that is hard to burn and has a high anti-slip effect.



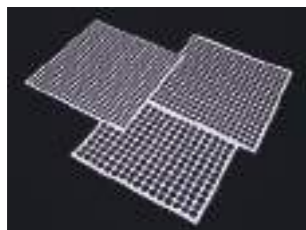
Flame retardant non-slip sheet

| Part Number | Size (mm) | Thickness (mm) | Hardness |
|-------------|-----------|----------------|-----------|
| RF-1 | 500×500 | 1.0 | Asker C70 |
| RF-3 | | 3.0 | |



Flame retardant non-slip sheet tape type

| Part Number | Size (mm) | Thickness (mm) | Hardness | Quantity |
|-------------|-----------|----------------|-----------|----------|
| RF1-TAPE | 10×500 | 1.0 | Asker C70 | 2 |
| RF3-TAPE | | 3.0 | | |



Flame retardant non-slip sheet cushion type

| Part Number | Size (mm) | Thickness (mm) | Hardness | Quantity per sheet |
|-------------|-----------|----------------|-----------|--------------------|
| RF1-8 | Φ8 | 1.0 | Asker C70 | 528 |
| RF1-10 | Φ10 | | | 360 |
| RF1-12 | Φ12 | | | 272 |

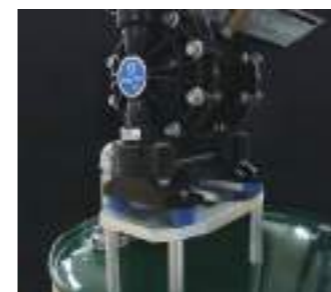
For anti-vibration insulator

Urethane gel insulator

POINT

- 1 It is able to give an effect of anti-vibration from over 18.7Hz.
- 2 Remove the vibration from equipment by installing to legs of equipment. Also prevent vibration from floors.
- 3 It is a type that fixes the top and bottom with bolts.

Image for use



For anti-vibration of equipment.

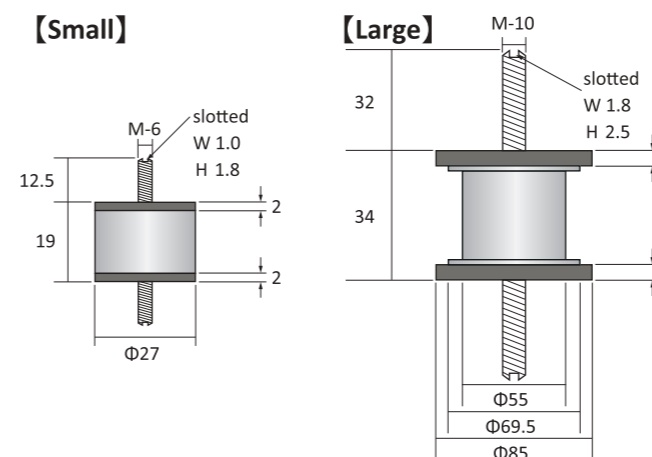
Environmental test results

| Item | Test name | Hardness:Asker C30 | Hardness:Asker C50 |
|---|-------------------|--------------------|--------------------|
| 80°C heat resistance (500 hours) | Compressive shear | ○ | ○ |
| -40°C cold resistance (500 hours) | Compressive shear | ○ | ○ |
| Heat shock | Compressive shear | ○ | ○ |
| Cold cycle | Compressive shear | ○ | ○ |
| Cold and wet heat cycle | Compressive shear | ○ | ○ |
| Neutral salt spray test (96 hours continuous spray) | Compressive shear | ○ | ○ |

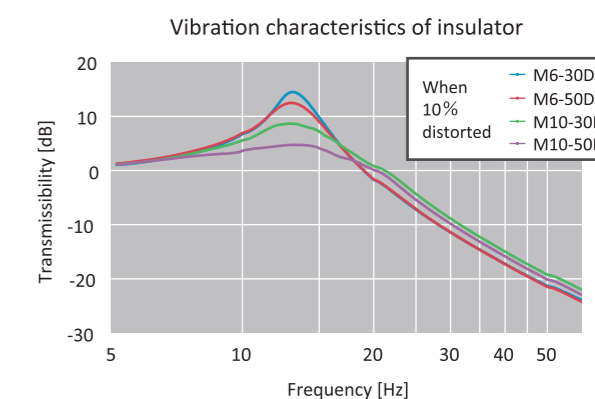
*○ indicates that there is no abnormality in comparison with the compressive shear test results of blank at room temperature.

*Measured values are reference values and not guaranteed values. Specifications subject to change without notice.

Structure



Vibration characteristics



*The value of graph is a reference value, not guaranteed characteristics.

Urethane gel insulator

The soft urethane gel insulator that is fixed with bolts.



Urethane gel insulator small

| Part Number | Size (mm) | Hardness | Color | Proper load (per 4 pcs) | Recommended frequency (Hz) |
|-------------|-----------|-----------|-------|-------------------------|----------------------------|
| M6-30D | Φ27×44t | Asker C30 | Blue | 16-37kg | 18.7~ |
| M6-50D | | Asker C50 | Green | 41-93kg | 18.8~ |



Urethane gel insulator large

| Part Number | Size (mm) | Hardness | Color | Proper load (per 4 pcs) | Recommended frequency (Hz) |
|-------------|-----------|-----------|-------|-------------------------|----------------------------|
| M10-30D | Φ85×98t | Asker C30 | Blue | 90-160kg | 20.8~ |
| M10-50D | | Asker C50 | Green | 170-400kg | 19.9~ |