There's more on the web: misumiusa.com

Shock Absorbing Bumpers

Plate & Holder Type

New Bumpers provided with shock and sound absorbing effect, made of soft shock-absorbing gel.

Precaution for Use

– Does not stick or cut with sharpened objects.
– Does not tear or twist.
– Insert it only from the vertical direction.
– Keep away from fire.
– Do not use Solvents for cleaning.
– Replace it when broken.

Features

– Excellent sound damping 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 Degree Peeling Strength): 19.6N/25mm Width
(When affixed to 304 Stainless Steel)

Test Conditions

A static compression load measurement test causing the 80% thickness in repeated three times. Above are the mean values of three measurement results.

These are not guaranteed values but an example of a set of measured values.

Precaution for Use

– Does not stick or cut with sharpened objects.
– Does not tear or twist.
– Insert it only from the vertical direction.
– Keep away from fire.
– Do not use Solvents for cleaning.
– Replace it when broken.

Application Example

Shock Absorbing Foam

Precaution for Use

– 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.

Features

– Excellent sound damping 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 Degree Peeling Strength): 19.6N/25mm Width
(When affixed to 304 Stainless Steel)

Test Conditions

A static compression load measurement test causing the 80% thickness in repeated three times. Above are the mean values of three measurement results.

These are not guaranteed values but an example of a set of measured values.

Precaution for Use

– Does not stick or cut with sharpened objects.
– Does not tear or twist.
– Insert it only from the vertical direction.
– Keep away from fire.
– Do not use Solvents for cleaning.
– Replace it when broken.

Application Example

Steel Ball Collision Noise Level Test

Comparison Data of PRGCW Copper Ball Collision Noise

<table>
<thead>
<tr>
<th>Item</th>
<th>PRGCW 5</th>
<th>PRGCW 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collision Noise (dB)</td>
<td>71.6</td>
<td>67.0</td>
</tr>
<tr>
<td>Sound Pressure (dB)</td>
<td>40%</td>
<td>40%</td>
</tr>
</tbody>
</table>

* A steel ball (Ø: 38mm) is dropped on a wooden base from a 15cm height, and the sound pressure level is measured with a microphone at a distance of 50cm, positioned 30cm above the ground.