

**sicomin**

**Secrets housing damper:**

The Secrets are 40 x 3 mm discs made of extremely energy-absorbing material. They are used to dampen vibration energy on the surface of components. The damping can be varied by placing one or more Secrets on a component or loudspeaker. This allows optimization of the tonal balance and dynamic performance of the system. Secrets housing dampers are an integral part of the AntiSpike component feet and produce an even greater effect when so used.



**Secrets component damper:**

The Secrets component damper is a small self-adhesive version of the Secrets sized 20 x 1 mm. They can be pasted directly on components such as capacitors, transformers, circuit boards or connectors. This enables you to damp specific components and modules.



**DampClamp Vinyl clamp:**

The DampClamp is a vinyl disc clamp developed by Audioplan, because all metal clamps known to us have the drawback of producing colourations. The DampClamp is fully free of metal and improves the sound of almost all drives. The low mass has no negative effect on the turntable bearing, in contrast to heavy metal weights. The damping of pick-up resonance is made in the label area of the record.

The DampClamp works optimally with low contact pressure. It can be attached with one hand, has a diameter of 65 mm and height of 12 mm. It weighs only 37 grams.



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High-tech damping for your high-end system.

Specifications	AntiSpike	AntiSpike device feet	DampDiscs	TransferDiscs
<b>Dimensions:</b>	D = 28 mm	D = 48 mm	30 x 30 mm	20 x 20 mm
<b>Height:</b>	20 mm	20 or 24 mm	3 mm	3 mm
<b>Comment:</b>	M6, M8 or M10	Modular	Aramid coated	With spike retainer
<b>Packaging unit:</b>	4 pcs.	3 or 4 pcs.	8 pcs.	8 pcs.

Specifications	TubeDamper	Secrets housing damper	Secrets component damper	DampClamp Vinyl clamp
<b>Dimensions:</b>	inner D = 20 - 22 mm	D = 40 mm	D = 20 mm	D = 65 mm
<b>Height:</b>	15 mm	3 mm	1 mm	12 mm
<b>Comment:</b>	outer D = 28 mm	-	Self-adhesive	Weight = 37 g
<b>Packaging unit:</b>	2 pcs.	10 pcs.	10 pcs.	1 pcs.

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System-Tuning

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**SICOMIN – and the secret of vibration energy**

The fact that placement and mechanical coupling of hi-fi components have an influence on sound quality is widely known today. This was not always the case. In the middle of the 80's we got an offer for a component base which was supposed to drastically improve the sound of electronic components. On the one hand we were sceptical, on the other hand curious. So we had the developer, Mr. Mezdourian, demonstrate the platform. The platform, a carbon fiber – aramid composite, surprised and convinced us at once, although at first we had no technical explanation for the audible effect.

The, for the time, outstanding results immediately showed us the importance of component placement for the sound quality of a system. It not only convinced Uwe Kirbach, who paid tribute to the Sicomin board in the legendary HIFI-Exklusiv magazine, it also persuaded many music enthusiasts who helped the platform become a huge commercial success.

As a result, we performed our own research with a variety of materials. We learned that the intrinsic resonance of the base affects the device resonance and therefore the sound of the component.

The technical explanation can be found in electromagnetic coupling or induction between the individual components, which vibrate to the characteristic frequencies of the base. An electrical image of the mechanical vibrations is therefore induced in the signal.

We discovered that we could optimize the audible results by forming the right relationship between absorbing and discharging vibration energy with the least possible energy storage. Energy storage and delayed energy output for the most part occurs with large mass, which is why we at Sicomin rely on low mass. With its finely tuned sandwich construction, Sicomin demonstrates a perfect ratio of mass to rigidity, along with a high level of internal damping.

The Sicomin concept has been further developed over the years and today there is a wide range of Sicomin products for a variety of applications in an audio or video system which we would like to present in more detail here.



**AntiSpike:**

AntiSpikes were developed in an attempt to combine the advantages of hard coupling with regulated damping. Past solutions depended either on full coupling (e.g. metal spikes) or maximum absorption (e.g. rubber feet). The combination of the two methods provides the advantage of optimal energy transfer from the coupled component. We finally found the optimal sound balance for all characteristics with a specially formulated carbon-filled material.

The material, form and size are specifically adapted for use under loudspeakers. Each AntiSpike can support over 100 kg. They are suitable for all support surfaces including carpeting. They can also be used with wood-base turntables. Another application is the use of spikes under racks, although this only applies to hard surfaces. In addition to their audio qualities, they also offer

practical advantages such as allowing easy movement of the loudspeaker, simple height adjustment and protection of the support surface. AntiSpikes have a diameter of 28 mm, a height of 20 mm and are optionally supplied with M6, M8 and M10 threads in sets of four.

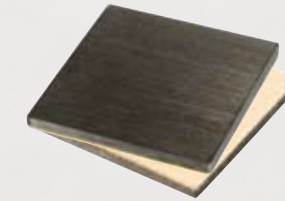


**AntiSpike device feet:**

They were developed for use under electronic components. Since other requirements are placed on the absorption-coupling relationship in this case, the material mixture is softer than that for the AntiSpike. Depending on design and material, electronic components continue to differ substantially in their need for damping. That's why we designed the foot modularly. The damping factor can be incrementally increased by adding Sicomin Secrets. By varying the position of the AntiSpike device feet under the device, you can steplessly fine-adjust the damping/discharge ratio.

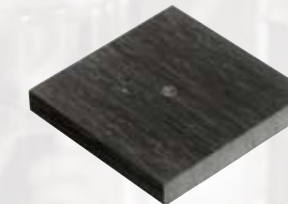
We have also designed base absorbers in the form of

Aramid Pads. This allows you to eliminate the audible disadvantages of hard surfaces that tend to resonate, for example, granite, marble and glass. This variability enables you to bring together normally contradictory aspects such as enhanced dynamics and improved spatial imagery. The diameter of an AntiSpike device foot is 48 mm. They are available with optional heights of 20 or 24 mm and should be selected so that the original foot of the device does not touch the support surface.



**DampDiscs:**

The DampDiscs are placed between a component foot and the supporting surface. They provide effective damping and prevent negative sound effects of surfaces such as glass, marble and metal. With stacked components, DampDiscs provides mechanical decoupling. The special advantage of DampDisc is the extremely little space it needs, only 3 mm in height. The contact area is 30 x 30 mm. A set consists of eight DampDiscs.



**TransferDiscs:**

You place TransferDiscs under the spikes of device platforms, loudspeakers or electronic components. They should be used under all metal spikes on hard surfaces. TransferDiscs neutralize the metallic intrinsic resonance of spikes and at the same time protect wood and stone floors against spike scratches. TransferDiscs are also suitable for coupling intermediate layers (such as stone plates under loudspeakers) to the base surface.

**Interface-Set:**

Mixed set consisting of four DampDiscs and four TransferDiscs.



**TubeDamper:**

The TubeDamper is a damping ring for preamp and driver tubes. The vibrations are effectively damped at the glass envelope of the tube with the proven Sicomin material. There is a clear improvement in the contour, dynamics, clarity and stability of the sound impression. Anode current and temperature of the tubes remains stable with the TubeDamper, which means that the service life of the tubes are not negatively affected. The TubeDamper can be used on all low-level signal tubes with a diameter of 20 mm, for example, ECC81, ECC82, ECC83 or ECC88. The TubeDamper is not suitable for power amp tubes such as EL84.