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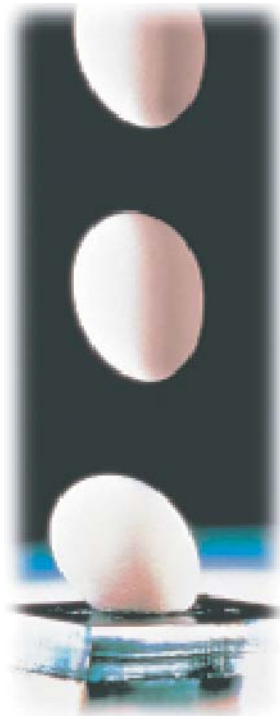
# *α*GEL Irresistible Features

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**Softness, outstanding physical characteristics and GELTEC's exclusive technologies are trebly combined to remove conventional vibration difficulties.**

- 1) Unlike rubbers, *α*GEL particularly performs to damp light load and micro vibrations.
- 2) *α*GEL hardness and shape are designed according to subject load. A few selections, damp vibrations in wide frequency.
- 3) Ozone resistant, UV resistant and chemically resistant. Usable anywhere.
- 4) Low temperature dependency. Performs widely from  $-40^{\circ}\text{C}$  up to  $200^{\circ}\text{C}$ .
- 5) Also absorbs shocks. Reduces noise.

## THE SOFT ENERGY



**Shock Absorbent Test**

An ordinary raw egg drops from 18m high down to 2cm thick *α*GEL pad. No egg is wasted. The pad absorbs the impact smoothly and the egg stays unbroken.



# SN sheet

## 【Features】

- ◆ Divide for light load. Add for heavy load.
- ◆ Simply insert underneath or between subject loads.
- ◆ Low resonance magnification. Stable with least horizontal deflection.

The Hyper Performance  
Vibration Damper

## 【Damping Performance】

Part No.	Optimum Load (kg/sheet)	Resonance Point (Hz)	Resonance Magnification (dB)	Recommendable Frequency (Hz)	Warp(mm)	Color
SN-2	0.5 ~ 2	27 ~ 21	6	38 ~	1.4 ~ 3.0	yellow
SN-5	2 ~ 5	29 ~ 23	8	40 ~	1.5 ~ 2.5	green
SN-15	5 ~ 15	26 ~ 18	13	37 ~	1.1 ~ 2.2	orange
SN-50	15 ~ 50	22 ~ 15	20 ~ 18	30 ~	0.7 ~ 2.0	blue

## 【Selection】

- ◆ Make sure of total subject load and then select optimum SNsheet. See above table.
- (Example) • For 0.3kg load, add a plate for extra weight or divide SN-2 to reduce projections.  
 • For 10kg load, divide SN-15 into pieces.  
 • For 80kg load, use two of SN-50 and divide if needed.

## 【Attention】

- ◆ Set up to stabilize subject gravity.
- ◆ Set up to distribute subject load evenly on each projection.
- ◆ A flat plate is recommendable for distributing subject load evenly.
- ◆ Peel off a PET film before use.

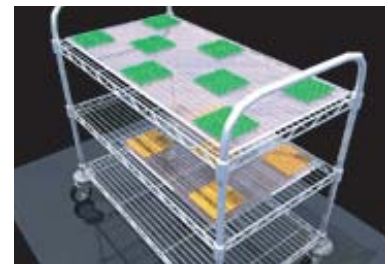
## 【Application : Vibration Damper】

- test apparatus
- small motor
- measurement equipment
- copier/fax machine
- electronic microscope
- electronic apparatus
- optical apparatus
- weighing scale
- fan



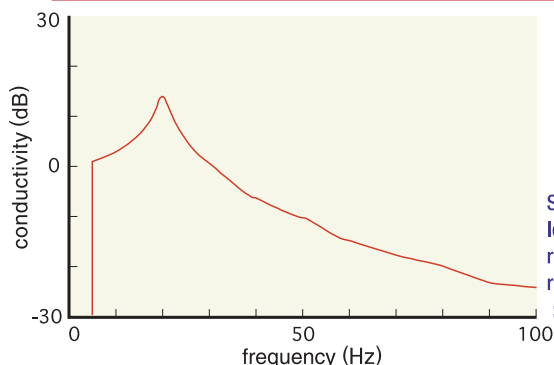
- damp different vibrations (measurement equipment)

## 【Application : Shock Absorber】



- absorb shocks from load on carrier

## 【Damping Characteristics】



## 【Installation】

