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Gelmecc's special soft gel range of vibration damping materials are ideal for isolating loads of 100g+ including broad temperature and MILSPEC applications. Advanced high damping thermoplastic and urethane materials can also outperform traditional rubber solutions.

For your vibration testing we can supply samples for vibration damping, noise control, shock isolation and cushioning impact problems. Our grommet, stud mount and sheet isolation solutions are suitable for PCBs, HDDs, fans, on-board computers and other sensitive equipment.



[HDD/PCB Grommets](#)



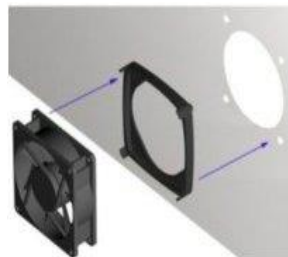
[Sheet Materials](#)



[Sandwich and Stud Mounts](#)



[HDD Sleeves and Mounting Bracket](#)



[Fan Mounts and Sleeves](#)



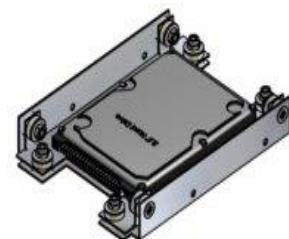
[Industrial Mounts](#)



[Super Soft Urethane Bushes](#)



[Extreme All Metal Mounts](#)



[3D Shock Box](#)

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Cert 4823  
 ISO 9001

# HDD / PCB Grommets

A comprehensive range of gel and thermoplastic anti-vibration grommets for mounting HDD/PCBs etc. Various mounting accessories available designed to work with our anti-vibration range.

## High End Damper

- Manufactured from high damping.
- Improved performance compared to rubber.
- Temperature ranges from -20C to 60C.



## Silicone Free Gel Grommets

- Much softer than thermoplastic and rubber grommets.
- Silicone Free Material.
- Operating Performance -20°C to +60 °C.



## Silicone Gel Grommets

- Can Reduce PCB Flexure and Cracking.
- Splits in Two to Suit Various PCB Depths.
- Stable Performance over -40°C to 200°C.



## Thermoplastic Grommets

- 2 Standard Diameters, 3 Chassis Thicknesses.
- Low Hardness 40 and 55 Shore A.
- -20°C to +70°C Operating Temperature.



## Mounting Accessories for Grommets

- A one piece-fixing bolt can replace a three-part assembly of screw, washer and tube.
- The threads are suitable for screwing directly into a HDD
- Available in UNC 6-32 or M3 thread.



## Super soft urethane bushes

- Low creep rate compared to other polymers.
- Available in 30, 50 and 70 Shore 00.
- Temperature range: -15C to +98C.



# Sheet Materials

Large comprehensive range of sheet and foam materials offering high performance shock protection from as little as 1mm in thickness. Available in silicone and non-silicone form.

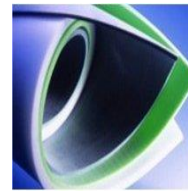
## Gel Anti-Vibration Material

- High Damping Gel.
- Ideal for sensitive equipment.
- Low Resonance Magnification.



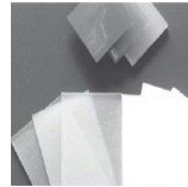
## Silicone Gel Shock Foam

- Highly Durable.
- Operates -40°C to 200°C.
- Ozone and Chemically Resistant.



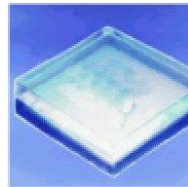
## Soft Silicone Free Gel Sheets

- High Performance in Narrow Space Enclosures.
- Ultra Soft High Damping Gel.
- High Performance at 2mm Thickness.



## Soft Silicone Gel Sheet

- High Performance at 2mm+ Thickness.
- 40°C to 200°C Operating Temperature.
- Sheet size : 200x200mm or 400x400mm.



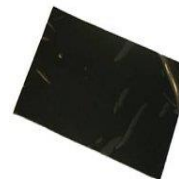
## Soft Silicone Gel Tape & Chips

- Ideal for Handheld Applications, Fragile Components and Audio Components.
- Stable Performance from -40°C up to 100°C with adhesive and 0°C up to 200°C without adhesive.
- High Performance in Narrow Space Enclosures.



## Super soft Urethane Sheets & Strips

- Low creep rate compared to other polymers.
- Superior damping coefficient over wide temperature range.
- Can absorb shock efficiently for millions of cycles.



## Sandwich and Stud Mounts

A comprehensive range of elastomer, silicone gel and rubber sandwich stud mounts for numerous applications. Available in M/M, M/F, M/B, F/F and F/B configurations.

### Elastomer Stud Mounts

- Small mounts from 8mm to 12mm.
- Very soft high damping viscoelastic.
- High damping elastomer just Shore A 24 Durometer



### Industrial Stud Mounts

- Optimal Load Ranges 5 to 60 kgs.
- 8mm Thread.
- Excellent Dynamic Performance.



### Rubber Stud Mounts

- Ideal for low frequency vibration.
- Attenuates shock loadings due to deflection capacity.
- Suits pumps, generators, measuring equipment and transit mountings.



### Soft Silicone Stud Mounts

- Broad temperature range.
- Soft enough to damp to lower frequencies than rubber mounts.
- Extremely strong metal bond.



## Extreme all Metal Mounts

Extreme all metal mounts offer exceptional reliability and long life. These parts are ideal for isolating against shock and vibration in severe environments.

- Dampens Very Low Frequencies.
- Temperature Range -180°C - 150°C.
- Meets Military Standards.



## HDD Sleeves & Mounting Bracket

With our patented elastic sleeves you can fasten your hard disks quickly and safely without the need for tools or screws.

### Mounting Frame Sets

- 5.25 Mounting Frame.
- 2 x HD Sleeves
- 4 x Screws UNC6-32.



### Sleeves for Mounting Frames

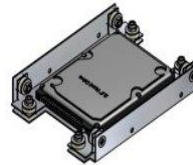
- Thermoplastic Elastomer.
- Ca. 70 Shore A.
- ROHS Compliant.



## 3D Shock Box

3D Shock Boxes comprise of a 2 part assembly utilising 8 grommets providing shock and vibration protection over X, Y & Z axis.

- Shock Protection on X, Y & Z axis.
- Simple Mounting Procedure.
- Nickel Plated For Corrosion Resistance.



## Fan Mounts & Sleeves

Fan noise is a common problem in PCs, set top boxes and other electronic equipment. Snap in fan mounts and fan sleeves are an easy way to isolate the fan and reduce vibration noise.

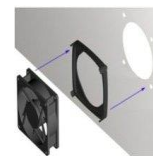
### Fan Mounts for Noise Control

- Flame Class – 94 V-2.
- Made from Thermoplastic Elastomer.
- Colour : Black.



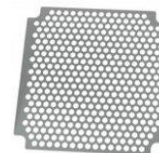
### Screw less Fan Sleeves

- Thermoplastic Elastomer.
- RoHs Compliant.
- Ca. 70 Shore A.



### Screw less Fan Sleeve Accessories

- Dust Filter.
- EMI/RFI Filter Guard.
- Guard Grills.



For your EMC/EMI and Thermal Management requirements please see our other divisions:

