



SOFT SILICONE FREE GEL GROMMETS

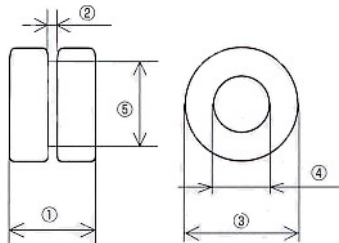


- Ultra Soft High Damping Gel HDD Mounts.
- Much Softer Than Thermoplastic and Rubber Grommets.
- Silicone Free Material.
- Operating Performance -20°C to +60°C.
- 1209 Series Available With M4 Mounting Insert.

HDDs often need very soft vibration and shock mounting solutions due to their low weight. This highly damped silicone free gel is specially designed for disk drive isolation and is much softer than traditional rubber and thermoplastic solutions. The 1209 series is available with M4 mounting insert.

This mount is available in three materials: clear ultra soft gel, white ultra soft gel but UL V0 rated and slightly firmer soft elastomer. These grommets have been used in a wide range of HDD environments. Ideal for isolating HDD's, CD-ROM's, DVD's & PCB's in truck, bus and aircraft environments. Damps loads as low as 100g, operating performance -20c to +60c.

Dimensional Data



Part Number	Overall Height 1	Plate Thickness 2	Outside Diameter 3	Inside Diameter 4	Mounting Hole Diameter
VB1209-80BK	9	1	12	6	9
VB1209-90V	9	1	12	6	9
VB0905-90V	5	1	10	3.5	8

Specification

Part Number	Colour	Material	Hardness	Resonant Frequency (Hz)	Resonant Magnification (dB)	Effective Range (Hz)
VB1209-80BK	Black	Soft Gel 80	FP-80 (Shore A7 appx)	28.2	13.2	40.0 ~
VB1209-90V	White	Soft Gel 90V	FP-90 (Shore A8 appx)	42.3	14.1	70.0 ~
VB0905-90V	White	Soft Gel 90V	FP-90 (Shore A8 appx)	TBC	TBC	TBC

Gelmecc UK

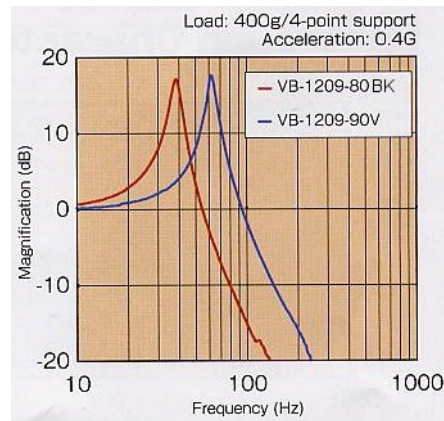
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Material Properties

Part Number	Compression Set (%)	Tensile Strength (Mpa)	Elongation (%)
VB1209-80BK	0.1	1.86	1210
VB1209-90V	46	1.27	1910
VB0905-90V	46	1.27	1910

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