# **Vibro.SiL - CHmini** SILICONE MULTIFORM ANTIVIBRATION HANGER

## APPLICATIONS

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The silicone anti-vibration hangers **Vibro.SiL-CHmini** can offer vibration protection in demanding vibration control applications for suspension of fans, exhaust gas pipes muffler hanger and other sensitive electronic equipment, audio speaker systems, special in avionic, marine, military and medical applications, where a wide temperature range **(-40 to +200°C)** occurs. Suitable also for food-industry applications (bakery ovens, refrigeration rooms etc).

#### DESCRIPTION

*Vibro.SiL-CHmini* consists of galvanized steel metal frame with notches in appropriate places and the antivibration rubber mount *VIBRO.SiL-mini*. The suspension is easily transformed to any of the 4 forms shown in side figure ,with the force of just one hand. The advanced design of Vibro.SiL-CHmini provides an effective shock and vibration isolation protection, as well as structure-borne noise reduction much higher than natural/synthetic rubber. Silicone gel pads can achieve a large deflection capacity and a low resonance point. It offers very good weathering properties, ozone UV resistant. Suitable for frost and snow conditions.

Silicone gel is softer than natural/viscoelastic rubber and other thermoplastic compounds.

## **TECHNICAL CHARACTERISTICS**

- Wide operating temperature range: -40 to +200°C
- Very low compression set
- Long term durability and stability
- Applicable for light loads
- Environment-friendly. No harmful additives are contained
- Low odor
- Deflection (at maximum load) : 4 mm
- Natural Frequency:  $\geq$  8 Hz.

### LOAD CAPACITY

Туре	Color Code	Maximum Load
Vibro.SiL-CHmini.10	Natural ( <i>cream</i> )	10 Kp*
Vibro.SiL-CHmini.25	Red	25 Kp*
Other Load on request		*(1Kp=10N)
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Design and Production according to International Standard ISO 9001.2008.







Silicone VS Rubber mounts (By bibliography)