APPLICATIONS

The silicone anti-vibration metal - rubber mounts, Vibro.SiL-EM.3 can offer high vibration protection for compressors, pumps, fans, exhaust gas pipes / muffler support, sensitive electronic equipment, in avionic, military and medical applications, where a wide temperature range (-40 to +200°C) occurs.

Suitable also for food-industry applications.

DESCRIPTION

The advanced design of Vibro.SiL-EM.3 is a result of specialized research and it is made by a high quality silicone polymers. Provides an effective shock and vibration isolation protection, as well as structure-borne noise reduction, much higher than natural rubber and thermoplastic compounds.

It can achieve a large deflection capacity and a low resonance point.

Silicone polymers offers very good weathering properties, ozone UV resistant, ideal for out-door use. Suitable for frost and snow conditions. All the metal parts are covered by silicone rubber, providing an oxidation protection.

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

TECHNICAL CHARACTERISTICS

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Color Code</th>
<th>Maximum Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vibro.SiL-EM3</td>
<td>Natural (cream)</td>
<td>20 kp*</td>
</tr>
<tr>
<td>Vibro.SiL-EM3</td>
<td>Red</td>
<td>50 kp*</td>
</tr>
<tr>
<td>Vibro.SiL-EM3</td>
<td>Blue</td>
<td>100 kp*</td>
</tr>
</tbody>
</table>

*(1kp=10N)

Typical characteristics of Silicone VS Rubber mounts (By bibliography)