FEATURES:
Highest damping effect arises when gel is compressed 10% up to 30%.
Low in temperature dependency, this material offers stable performance from -40°F to 392°F (-40°C to +200°C)
Excellent chemical resistance.
Low in compression set.
Performance stays the same even after repeated use.

RIGHT USE:
1. EVEN LOAD
2. HANG IN COMPRESSIVE DIRECTION

WRONG USE:
1. UNEVEN LOAD
2. BOLT HOLE OUT OF CENTER
3. TWIST
4. TENSILE DIRECTION
5. SHEARING DIRECTION
SILICONE GEL SHEETS

LOW RESONANCE MAGNIFICATION
OZONE, UV AND CHEMICAL RESISTANT
SHOCK ABSORBER
REDUCES NOISE

**MATERIAL:**
Silicone Gel

**INSTALLATION:**

Divide for light load. Add for heavy load. Make sure of total subject load and then select optimum gel sheet.

Example:
For 0.66 lbf load, add a board for extra weight or divide A10Z62-SN02 to reduce projections.

For 22.1 lbf load, divide A10Z62-SN15 into pieces.

For 176.4 lbf load, use two of A10Z62-SN50 and divide if needed.

### INCH COMPONENT

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Optimum Load lbf/sheet</th>
<th>Resonance Point Hz</th>
<th>Resonance Magnification dB</th>
<th>Recommended Frequency Hz</th>
<th>Deflection in.</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>A10Z62-SN02</td>
<td>1.1 to 4.4</td>
<td>27 to 21</td>
<td>6</td>
<td>from 38</td>
<td>.06 to .12</td>
<td>Yellow</td>
</tr>
<tr>
<td>A10Z62-SN05</td>
<td>4.4 to 11.0</td>
<td>29 to 23</td>
<td>8</td>
<td>from 40</td>
<td>.06 to .10</td>
<td>Green</td>
</tr>
<tr>
<td>A10Z62-SN15</td>
<td>11.0 to 33.1</td>
<td>26 to 18</td>
<td>13</td>
<td>from 37</td>
<td>.04 to .09</td>
<td>Orange</td>
</tr>
<tr>
<td>A10Z62-SN50</td>
<td>33.1 to 110.2</td>
<td>22 to 15</td>
<td>20 to 18</td>
<td>from 30</td>
<td>.03 to .08</td>
<td>Blue</td>
</tr>
</tbody>
</table>
SILICONE GEL TAPE & CHIPS

LOW COMPRESSION SET
HIGH WEATHER RESISTANCE
HIGH CHEMICAL RESISTANCE
EFFECTIVE IN NARROW SPACE

› MATERIAL:
Silicone Gel

› OPERATING TEMPERATURE:
-40°F to +212°F

Fig. 1

ADHESIVE AGENT ON ONE SIDE

Fig. 2

ADHESIVE AGENT ON ONE SIDE

Catalog Number | W | L | t
--- | --- | --- | ---
**Fig. 1 Tape**
A10Z62-GT1 | .394 | 39.4 | .039
A10Z62-GT2 | .787 | 39.4 | .039
A10Z62-GT3 | .394 | 39.4 | .079
A10Z62-GT4 | .787 | 39.4 | .079
A10Z62-GT5 | .394 | 39.4 | .118
A10Z62-GT6 | .787 | 39.4 | .118

**Fig. 2 Chips Priced per sheet (25 chips per sheet)**
A10Z62-GC1 | .394 | .394 | .118
A10Z62-GC2 | .394 | .394 | .197
A10Z62-GC3 | .591 | .591 | .118
A10Z62-GC4 | .591 | .591 | .197
A10Z62-GC5 | .591 | .591 | .394
A10Z62-GC6 | .787 | .787 | .118
A10Z62-GC7 | .787 | .787 | .197
A10Z62-GC8 | .787 | .787 | .394
**SILICONE FOAM SHEETS**

LOW COMPRESSION SET
OUTSTANDING DURABILITY
SHOCK ABSORBER
LOW FLAMMABILITY
FOR OUTSIDE USE
DURABLE IN ANY WEATHER

> **MATERIAL:**
> Silicone Foam

> **OPERATING TEMPERATURE:**
> -40°F to +392°F

> **CHARACTERISTICS:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>0.26</td>
</tr>
<tr>
<td>Tensile Strength (lbf/ft.²)</td>
<td>6683</td>
</tr>
<tr>
<td>Elongation (%)</td>
<td>73</td>
</tr>
<tr>
<td>Young’s Modulus (lbf/ft.²)</td>
<td>5629</td>
</tr>
<tr>
<td>Specific Heat (Btu/lb°F)</td>
<td>.275</td>
</tr>
<tr>
<td>Thermal Conductivity (Btu/h ft°F)</td>
<td>.035</td>
</tr>
<tr>
<td>Specific Volume Resistance Ratio (Ω•in.)</td>
<td>.15x10¹⁵</td>
</tr>
<tr>
<td>Dielectric Breakdown Strength (kV/in.)</td>
<td>.15</td>
</tr>
</tbody>
</table>

**Chemical Resistance**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Reaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>X</td>
</tr>
<tr>
<td>Acetone</td>
<td>X</td>
</tr>
<tr>
<td>Methanol</td>
<td>O</td>
</tr>
<tr>
<td>Distilled H₂O</td>
<td>O</td>
</tr>
<tr>
<td>Fuel</td>
<td>X</td>
</tr>
<tr>
<td>Lubricant</td>
<td>X</td>
</tr>
<tr>
<td>NaCl (10%)</td>
<td>0</td>
</tr>
<tr>
<td>HCl (10%)</td>
<td>0</td>
</tr>
<tr>
<td>NaOH (5%)</td>
<td>0</td>
</tr>
</tbody>
</table>

**COMPRESSION SET**

1. Compress the materials by 50% and leave compressed for 22 hours in +158°F.
2. Release compression and leave subject in normal temperature for 30 minutes.

**INCH COMPONENT**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>W Width</th>
<th>T Thickness</th>
<th>L Length</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>A10Z62-NPRGN0500</td>
<td>17.72</td>
<td>.118</td>
<td>19.69</td>
<td>Green</td>
</tr>
<tr>
<td>A10Z62-NPRGN2000</td>
<td>17.72</td>
<td>.118</td>
<td>78.7</td>
<td>Green</td>
</tr>
<tr>
<td>A10Z62-NPWTE0500</td>
<td>11.81</td>
<td>.236</td>
<td>19.69</td>
<td>White</td>
</tr>
<tr>
<td>A10Z62-NPWTE1000</td>
<td>11.81</td>
<td>.236</td>
<td>39.4</td>
<td>White</td>
</tr>
</tbody>
</table>