Silicone Housing (Face) Seals

A superior alternative to flat gaskets and other gasketing methods

Conductive Material for EMI Shielding Available

Seal it right. Right from Apple™

APPLE RUBBER PRODUCTS
Silicone housing seals custom designed by Apple Rubber Products, Inc. outperform die-cut flat gaskets in an extensive variety of housing applications. Featuring a round cross-section and designed to your specifications, they ensure a leak-proof environment.

**The perfect match of durometer, shape and color**

Though available in a durometer range of 20-80 Shore A, the silicone housing seal can also be made even softer to match compression set requirements of plastic or metal housing applications. Apple Rubber can produce your seal in the most complex shapes and color-match the silicone material in solid or translucent colors.

**Advanced manufacturing processes for cost-effective solutions.**

Apple Rubber’s LIM (liquid injection molding) molding systems provide consistent, high quality and cost-effective housing seals essentially flash-free. We can also utilize the latest compression and transfer molding technologies to meet your requirements.

**Fast prototypes and design engineering assistance.**

In-house tooling capabilities and an experienced design engineering staff enable Apple Rubber to deliver housing seal prototypes fast. Our engineers have the expertise in polymer technology - with a particular emphasis on silicone - as well as plastics, metals and other materials to assist you in creating the right housing seal solution for your needs.

**Seal it Right. Right from Apple.**

Our housing seals are made in the U.S.A. and Apple Rubber sells direct, enabling direct communication with a knowledgeable sales team and design engineers and full accountability from one company. As a leading designer and manufacturer of seals and sealing devices, Apple Rubber has the capabilities to meet all your seal requirements. Call or visit our web site today for more information.
Our silicone housing seals beat gaskets flat.

**A Wide Range of Standard Colors**

Silicone housing seals from Apple Rubber are available in a wide range of colors (solid or translucent) to match application requirements. These include:

- Violet 364
- Green 102
- Gray 122
- Orange 059
- Red 350
- Yellow 126G
- Blue 278
- Red 346
- Black 220
- White 056
- Violet 369
- Purple 367
- Red 354
- Blue 283
- Orange 062
- Green 176
- Yellow 136
- Red 371
- Blue 291
- Violet 369
- Purple 220
- White 056
- Blue 283
- Orange 062
- Green 176
- Yellow 136
- Red 371
- Blue 291

**Housing Seals vs. Flat Gaskets Quick Comparison Chart**

<table>
<thead>
<tr>
<th>Feature/Benefit</th>
<th>Housing Seal</th>
<th>Gasket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round O-ring cross section to seal better</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Re-useable after disassembly with no scraping</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Variety of materials including silicone</td>
<td>Yes Limited</td>
<td></td>
</tr>
<tr>
<td>Choice of colors</td>
<td>Yes Limited</td>
<td></td>
</tr>
<tr>
<td>Complex shapes</td>
<td>Many Limited</td>
<td></td>
</tr>
<tr>
<td>Design assistance</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Buy direct — no middleman</td>
<td>Yes</td>
<td>Not Likely</td>
</tr>
</tbody>
</table>

Weather seal for a digital readout offers low compression force, yet the best compression set resistance.

Complex shape of custom housing seal creates one piece serving two functions to protect electronics in aerospace application.

Weather seal used in a home lighting application offers excellent ozone and weather resistance.

This environmental seal protects automotive control module and engine management unit.

Square shaped housing seal made for custom fit on aircraft computer box.
As a leading designer and manufacturer of seals and sealing devices, Apple Rubber has the capabilities to meet all your seal requirements. Call or visit our web site today for more information.

www.applerubber.com
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