SCF (Super Clean Foam)

SCF406PS

Outline

SCF406PS is polypropylene foam materials with adhesive, which can be used as dust-proof, buffer, shock absorber, and light shield materials. This application is mainly for display gasket of electric appliances, communication equipments and other electronic equipments.

Construction

SCF406PS

Features

● As SCF406PS is the thinner foam, it shows excellent flexibility even if it is used in a very narrow clearance.
● Thanks to its low compression stress, it will not deform the structures after application.
● It shows excellent conformability to gaps with bumps or curved surfaces.
● The environment impact material is not used and it has almost no impurities, which might contaminate the equipments.
● Due to the stiffness secured by its unique micro-cell structure, it shows excellent process ability and workability.

Application

● Electric appliances, electronic equipments: Dust-proof display gasket and lens buffer for digital camera and digital video recorder.
● Communication equipment: Dust-proof display gasket and camera lens buffer for mobile phone.
Standard Size

<table>
<thead>
<tr>
<th>Thickness (mm)</th>
<th>Width (mm)</th>
<th>Length (M)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.23</td>
<td>480</td>
<td>100</td>
</tr>
</tbody>
</table>

*This value includes each thickness of both foam and double-coated tape.  
*For other sizes, please contact us.

Properties

- **General Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>Values</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>g/cm³</td>
<td>0.04</td>
<td>JIS K 6767</td>
</tr>
<tr>
<td>50% Compression Load</td>
<td>N/cm²</td>
<td>1.5</td>
<td></td>
</tr>
</tbody>
</table>

*These are SCF400's properties.

- **Compression Ratio vs. Compression Load**

Cautions

- Place the products longitudinally to avoid deformation.  
- Keep the products away from high temperatures and humidity, and store them in a dark cool place avoiding direct sunlight.  
- You should perform the test yourself to make sure the product is capable of the application.