Looking for effective ways to waterproof and dust proof your enclosures while boosting durability and aesthetic appeal? Versaflex™ TPE materials offer great compression set properties for gaskets that need a long lasting seal, and also create durable speaker skins with a silky feel. These TPEs meet industry ingress protection (IP) standards, are overmoldable directly onto common speaker housing substrates, and deliver more design freedom than you’ve ever thought possible.

<table>
<thead>
<tr>
<th>Application</th>
<th>Versaflex™ CE 3120-40</th>
<th>Versaflex™ CE 3620</th>
<th>Versaflex™ CE 3115</th>
<th>Versaflex™ CE 3120-80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gaskets</td>
<td></td>
<td>Skins</td>
<td>Skins</td>
<td>Skins</td>
</tr>
<tr>
<td>Product Aesthetics</td>
<td>Tacky Translucent 42A</td>
<td>Silky feel Natural 65A</td>
<td>Silky feel Natural 65A</td>
<td>Silky feel Natural 80A</td>
</tr>
<tr>
<td>Special Characteristics</td>
<td>Low compression set</td>
<td>Low compression set High flow</td>
<td>Abrasion resistance High strength</td>
<td>Improved scratch/mar, UV and abrasion</td>
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<tr>
<td>Overmolding</td>
<td>Polycarbonate ABS Copolyester</td>
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</tbody>
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Today's portable speaker manufacturers are searching for materials they can count on to protect against water and dust, but they also need durability and expanded design possibilities. Versaflex TPEs safely deliver on all of these requirements, while also accelerating production speed and reducing manufacturing cost.

HOW VERSAFLEX TPEs MAKE THE DIFFERENCE IN PORTABLE SPEAKERS APPLICATIONS

**GASKETS**

**Water and Dust Protection**
- Tight housing seals with no leakage over time

**Reduced Manufacturing Costs**
- Eliminates sourcing and assembly steps required of O-rings by overmolding directly onto the substrate; strong adhesion to PC & ABS
- Faster cycle times than silicone or TPU

**Design Freedom**
- Injection molding TPEs in gaskets enables complex designs in which simple O-rings would be challenging to assemble

**SPEAKER SKINS**

**Durable Look and Feel**
- Silky feel soft touch
- Long lasting aesthetics with abrasion and UV resistance

**Reduced Manufacturing Costs**
- Eliminates sourcing and assembly steps required of silicone skins by overmolding directly onto the substrate; strong adhesion to PC & ABS
- Faster cycle times than silicone or TPU

**Design Freedom**
- Overmolding TPE removes the need for mechanical interlocks and primers to get silicone materials to adhere to substrates

To learn more about Versaflex TPEs for portable speakers, contact Avient at +1.844.4AVIENT.

www.avient.com

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