Non-chromate, corrosion inhibiting sealants

Engineers and maintenance professionals from companies around the world trust 3M™ Aerospace Sealants for sealing critical gaps and to help prevent corrosion. Designed specifically for fuselage applications, 3M™ Sealants AC-730 and AC-735 provide an alternative to traditional chromate-containing sealants.

- Non-chromate corrosion inhibition
- Low density reduces final weight
- Quick cure allows increased throughput
- Low shrinkage results in less rework

Enabling lighter, safer, quieter aircraft – constructed faster.
3M™ Aerospace Sealants AC-730 and AC-735

Do More with Less


3M™ Aerospace Sealants AC-730 and AC-735 are quick-curing polysulfide formulations engineered for easy tooling. Both non-chromate and corrosion inhibiting, AC-730 and AC-735 sealants offer a number of advantages and benefits compared to traditional sealants:

- **No chromate** – May help you comply with NESHAP chromate emission reduction initiatives and OSHA exposure limits.
- **Lighter weight** – 33% lower density than traditional sealants, for an average weight savings of 3–4 lbs/gallon.
- **Less rework** – Save production time by getting the final shape from the start, with little or no shrinkage and sag due to solvent content. (Class B material only)
- **Easier application** – Less stiff than competitive sealants, requiring less mixing time and less pressure to apply.
- **Saves time** – Can be painted as soon as work-time expires.
- **Excellent adhesion to metals, composites and organic coatings common to the aerospace industry.**

### Typical Physical Properties (Not for specification purposes)

<table>
<thead>
<tr>
<th>Property</th>
<th>3M™ Aerospace Sealant AC-735</th>
<th>3M™ Aerospace Sealant AC-730</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Density (g/cc)</strong></td>
<td>Class A 1.10</td>
<td>Class B 1.52</td>
</tr>
<tr>
<td>Service Temperature</td>
<td>-65 to 250°F (-54 to 121°C)</td>
<td>-65 to 250°F (-54 to 121°C)</td>
</tr>
<tr>
<td>Non-volatile Content</td>
<td>84%</td>
<td>97%</td>
</tr>
<tr>
<td>Base Viscosity (poise)</td>
<td>100–500 11,000–15,000</td>
<td>9,500–16,000–2,000–4,000</td>
</tr>
</tbody>
</table>

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