Load-Lock™ provides the blow-out resistance of a metallic gasket combined with the compressibility of an ePTFE gasket.

Compared to conventional metallic gaskets...
- Lower assembly stress required
- Better conformance to flange surface imperfections
- Sheet fabrication/design & supply flexibility

Compared to conventional PTFE based gaskets...
- Lower relaxation & torque loss
- Improved creep/cold flow resistance
- Higher maximum compressive stress limits
- Enhanced mechanical integrity at higher temperatures
- Radial shearing resistance

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VSP Load-Lock™ Testing Results:

- Highest maintained bolt load/gasket stress
- No flow deformation (maintains ID/OD dimension integrity)
- Field performance shows zero pressure & torque loss
- No blow-out at extreme pressure & temperature

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Thickness</th>
<th>Tmax</th>
<th>Outer Facings</th>
<th>Core</th>
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<tbody>
<tr>
<td>Standard</td>
<td>1/8&quot;</td>
<td></td>
<td>100% Premium</td>
<td>316 Stainless</td>
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<tr>
<td>Custom</td>
<td>1/16&quot;</td>
<td>550°F</td>
<td>ePTFE</td>
<td>Steel</td>
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