LQC Series
“Twister®” Locking Quick Connect

The World’s Safest Coupling
The Twister LQC is the only coupling in the world guaranteed to not come off when pressure is in the line*. Engineered for critical-service applications, the LQC excels in extreme temperatures and pressures.

Features and Benefits
• Physically impossible to disengage coupling when pressure is in the line*
• Exceptional materials of construction provide flexibility of application
• ¼-turn ON/OFF provides rapid engagement and reduces operator stress
• Engagement of connection and disconnection is done by hand – no tools required
• Smooth bore is ideal for pigging applications

Specifications
• Available in Sizes: ¾", 1", 2", 3", 4" and 6"
• Materials of Construction: Stainless Steel, Cold-Temperature Carbon Steel & Aluminum
• Pressure Ratings Equivalent to ANSI 150/300

Applications
Perfect for situations where connections of high or low temperatures and pressures are experienced – in-plant, through plant, out-of-plant.

- Oil
- LPG
- Acids
- Lubricants
- Ammonia
- Paints
- Fracking
- Metal Alkyls
- And More

*Minimum pressure to lock will vary by size

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LQC Quick Coupling – Connecting with a **Twist**

**Easy Alignment**

**Pressure or Vacuum**
Energizes Sealing & Locking

**Pressure Locking**
The Ultimate Safety Feature

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**LQC Temperature and Pressure Ratings**

<table>
<thead>
<tr>
<th>Size</th>
<th>Fluorocarbon, EPDM, Sat. Nitrile, Encap Fluorocarbon</th>
<th>Buna-N</th>
<th>Neoprene</th>
<th>Max PSI</th>
<th>Max BAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; CS</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>250° F 121° C</td>
<td>655</td>
<td>45</td>
</tr>
<tr>
<td>1&quot; SST</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>250° F 121° C</td>
<td>560</td>
<td>39</td>
</tr>
<tr>
<td>1&quot; Alum</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>250° F 121° C</td>
<td>260</td>
<td>18</td>
</tr>
<tr>
<td>2&quot; Aluminum &amp; 2&quot; CS and SST w/ Aluminum Sleeve</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>250° F 121° C</td>
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</tr>
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<td>250° F 121° C</td>
<td>560</td>
<td>39</td>
</tr>
<tr>
<td>3&quot; Aluminum &amp; 3&quot; CS and SST w/ Aluminum Sleeve</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>250° F 121° C</td>
<td>260</td>
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</tr>
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<td>250° F 121° C</td>
<td>560</td>
<td>39</td>
</tr>
<tr>
<td>4&quot; Aluminum &amp; 4&quot; CS and SST w/ Aluminum Sleeve</td>
<td>250° F 121° C</td>
<td>248° F 120° C</td>
<td>250° F 121° C</td>
<td>260</td>
<td>18</td>
</tr>
<tr>
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<tr>
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<td>248° F 120° C</td>
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<td>560</td>
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</tr>
</tbody>
</table>

**NOTE:** This chart represents the most commonly requested specifications. Call (513) 932-9114 if higher temperature and pressure tolerances are required.

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**www.opw-es.com**

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