SMART FLUID HANDLING TO TAKE YOU FORWARD, FASTER

• Global provider of couplings, fittings and connectors for flexible tubing
• Industry-leading innovation, collaboration, quality and customization
• Quality Management System is ISO 9001 and ISO 13485 certified
• Full-service Offices in U.S., Germany, Hong Kong and China
• Global Manufacturing
• Advanced clean room facilities
• RFID technology expertise
DOVER: A MULTIBILLION-DOLLAR, DIVERSIFIED GLOBAL MANUFACTURER

- Fortune 500 company, $8B annual revenue
  34 operating companies, 3 business units
- Established R&D and worldwide distribution
- Committed to the highest ethical standards
- Global brand equity
CPC STANDARD AND CUSTOMIZED SOLUTIONS

• 10,000 standard ways to move fluid and air plus unlimited customization
• 300+ requests for custom projects annually
• Partner with OEMs to custom-engineer solutions for their specific needs
PRODUCT OVERVIEW
LQ Series Overview

- Ultra-reliable, dripless connections and disconnections
- Designed specifically for liquid cooling applications
- High-flow capacity to optimize liquid cooling system performance
- CPC-designed valve technology that eliminates drips
Thumb latch for one-handed quick connections and disconnections

- No sleeve to pull back
- Intuitive connect and disconnect
- Color coded for foolproof connections
- Audible CPC click
- Sleek look, ergonomic design
- Resin valves protect connector from corrosion
- Swivel and elbows available to make quick disconnections easier
# LQ SERIES SPECIFICATIONS

<table>
<thead>
<tr>
<th>Temperature:</th>
<th>0°F to 240°F; -17°C to 115°C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Materials:</strong></td>
<td></td>
</tr>
<tr>
<td>Main Components</td>
<td>Chrome-plated brass</td>
</tr>
<tr>
<td>Valves and Thumb Latch</td>
<td>Polysulfone</td>
</tr>
<tr>
<td>Valve Springs (wetted)</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Seals</td>
<td>EPDM</td>
</tr>
<tr>
<td><strong>Color:</strong></td>
<td>Chrome with Cool Blue or Warm Red</td>
</tr>
<tr>
<td><strong>Lubricant:</strong></td>
<td>Krytox PFPE</td>
</tr>
</tbody>
</table>
A transparent validation process

Increased confidence in
- Platform reliability
- Quality of components
High impact characteristics of Thermoplastic QD’s
HIGHLY ENGINEERED POLYMER

- Known as polyphenylsulfone (PPSU)
- Heat and chemical-resistant
- Tensile strength up to 8000 psi (55 Mpa)
- Used for specially designed applications such as liquid cooling QDs, automotive and aerospace
CHEMICAL COMPATIBILITY

• 3M™ Novec™
• DI Water
• Glycols
• Mineral oils
• Other engineered fluids
EASE OF USE

• Lightweight and compact
• Contoured thumb latch for one handed connection
DIMENSIONAL STABILITY

• Stable, durable thermoplastic
• Withstands heat and humidity without losing structural integrity
• Designed for extended use
WITHSTANDS CONTINUOUS EXPOSURE TO MOISTURE AND HIGH TEMPERATURES

• No corrosion risk
• Thermal insulators instead of thermally conductive
• No risk of external condensation
Inherently flame retardant UL94 V-0 rating

<table>
<thead>
<tr>
<th>Test criteria</th>
<th>V-0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burning time of each individual test specimen(s)</td>
<td>≤10</td>
</tr>
<tr>
<td>(after first and second flame applications)</td>
<td></td>
</tr>
<tr>
<td>Total burning time (s)</td>
<td>≤50</td>
</tr>
<tr>
<td>(10 flame applications)</td>
<td></td>
</tr>
<tr>
<td>Burning and afterglow times after second flame application (s)</td>
<td>≤30</td>
</tr>
<tr>
<td>Dripping of burning specimens (ignition of cotton batting)</td>
<td>no</td>
</tr>
<tr>
<td>Combustion up to holding clamp (specimens completely burned)</td>
<td>no</td>
</tr>
</tbody>
</table>
PLQ SERIES SPECIFICATIONS

Temperature: 0°F to 240°F; -17°C to 115°C

Materials:

- Main Components: PPSU
- Valves and Thumb Latch: PPSU
- Valve Springs (wetted): Stainless steel
- Seals: EPDM

Color: Black with Cool Blue or Warm Red

Lubricant: Krytox PFPE
Keeping innovation flowing
KEEPING IT COOL WITH CPC

Thank You