G205
Resilon-T® Materials
Molybdenum Disulfide, Glass Fiber, Graphite Filled PTFE

Successful Non-lubricated Applications for G205 Material

<table>
<thead>
<tr>
<th>Gas</th>
<th>Temperature (°F)</th>
<th>Pressure (psi)</th>
<th>Previous Life (hrs)</th>
<th>Current Life (hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Gas (L) storage</td>
<td>180</td>
<td>2,250</td>
<td>6,300</td>
<td>16,000+</td>
</tr>
<tr>
<td>Natural Gas (L) transmission</td>
<td>140</td>
<td>950</td>
<td>12,000</td>
<td>80,000+</td>
</tr>
<tr>
<td>Carbon Dioxide (NL)</td>
<td>290</td>
<td>325</td>
<td>2,200</td>
<td>8,900</td>
</tr>
<tr>
<td>Hydrogen Sulfide (L)</td>
<td>185</td>
<td>475</td>
<td>2,200</td>
<td>6,700+</td>
</tr>
<tr>
<td>Air (L)</td>
<td>290</td>
<td>650</td>
<td>1,800</td>
<td>12,000+</td>
</tr>
</tbody>
</table>

CECO offers an upgrade to the industry standard carbon filled ptfe with our Resilon-T® G205 material. This grade is our preferred choice for natural gas applications and has a longer service life and enhanced lubricity over traditional filled ptfe materials.

G205 has improved physical properties over conventional filled ptfe, including very good wear resistance and reduced creep. This grade also has the ability to be used as a stretch on rider band.

G205 is a versatile grade that can be run lubricated or non-lubricated. The maximum suggested operating conditions are 275°F at 2500 psi in lubricated applications. Temperatures may be increased to 300°F with lower discharge pressures.

CECO stocks G205 in a variety of sizes for immediate manufacturing. Please consult your CECO sales representative for recommendations for your specific operating conditions.

Call for a Solution:

800-TRY-CECO
800-879-2326

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G205 Benefits

- Upgrade over conventional filled ptfe
- Our preferred grade for natural gas transmission
- Added lubricity reduces wear on counterface
- Versatile grade: runs in lube or non-lube service