B450 Resilon-T® Materials

Bronze Molybdenum Disulfide Filled PTFE

Lubricated (L) and Non-lubricated (NL) applications for B450 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>Air (NL)</td>
<td>300</td>
<td>600</td>
<td>2400</td>
<td>8600+</td>
</tr>
<tr>
<td>Air (L)</td>
<td>290</td>
<td>650</td>
<td>4800</td>
<td>12000</td>
</tr>
<tr>
<td>Natural Gas (L)</td>
<td>140</td>
<td>950</td>
<td>12000</td>
<td>80000+</td>
</tr>
<tr>
<td>Carbon Dioxide (NL)</td>
<td>290</td>
<td>325</td>
<td>2200</td>
<td>8900</td>
</tr>
</tbody>
</table>

CECO offers an excellent material for both lubricated and non-lubricated service with our Resilon-T® B450 material. This grade is our preferred choice for instrument air and PET (bottle blowing) applications. B450 has improved thermal conductivity and enhanced lubricity over traditional filled ptfe materials that fail prematurely in severe service.

B450 has enhanced physical properties over conventional filled ptfe grades, including improved wear resistance and reduced creep. This material also has the ability to be used as a stretch on rider band.

B450 operates in conditions that are optimal below 325°F maximum and 800 psi in non-lubricated applications. When operating in a lubricated environment, the discharge pressure may be increased to 1500 psi.

CECO stocks B450 in a variety of sizes for immediate manufacturing. Please consult your CECO sales representative for recommendations for your specific operating conditions.

B450 Benefits

- Our preferred material for air service and PET
- Improved thermal conductivity over conventional grades
- In stock for immediate delivery

Call for a Solution:

800-TRY-CECO
800-879-2326

5440 Alder Drive • Houston, Texas 77081 • 713-664-7333 • Fax 713-664-6444
Serving the Compressor Industry Since 1964 • www.ceconet.com