...provide over-pressure protection in sanitary piping system

SD Disks are an extension of ZOOK’s impervious Graphite Rupture Disk Design. Applications include: food processing, dairy, breweries, pharmaceutical, distilling, baking, canning, cosmetics, biotechnology, and petrochemical industries.

Features
• Ideal for high purity and corrosion service
• Rugged design
• TFE lined to resist product buildup
• Full bore opening upon rupture
• Nominal I.D. equals the fitting size
• Self-Supporting under full vacuum at set pressures of 25 psig or higher
• Excels in liquid, gas, or two-phase applications
• 0% manufacturing range is standard
• Standard operating ratio of 90% of the marked rating on the disk tag. Higher operating ratio may be available upon request. (Contact ZOOK for operating ratio on pressures below 40 psig)
• Installs using industry standard Tri-clamp®/Tri-clover® fittings (components stocked by ZOOK)
• Standard gasket material: Black Buna-N
• Sizes 1” (25mm) through 4” (100mm)
• ASME UD, CE, and TUV compliance available

Optional Features
• Burst indication (Ferrule mounted)
• Torque-rite® sanitary clamp nut (eliminates the problems associated with over/under-tightening)

SD Disk Specifications

<table>
<thead>
<tr>
<th>Disk dimensions - inches (mm)</th>
<th>Burst Pressures psig (barg) @ 72F (22C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.D. (Nominal)</td>
<td>O.D.</td>
</tr>
<tr>
<td>1 (25)</td>
<td>1.984 (50.39)</td>
</tr>
<tr>
<td>1-1/2 (40)</td>
<td>1.984 (50.39)</td>
</tr>
<tr>
<td>2 (50)</td>
<td>2.516 (63.9)</td>
</tr>
<tr>
<td>2-1/2 (65)</td>
<td>3.047 (77.39)</td>
</tr>
<tr>
<td>3 (80)</td>
<td>3.579 (90.9)</td>
</tr>
<tr>
<td>4 (100)</td>
<td>4.682 (118.92)</td>
</tr>
</tbody>
</table>

Standard burst tolerances apply.

* Alternate sizes and disk materials, gaskets materials and lower burst ratings may be available on request – Contact ZOOK for more information

Note: max disk temperature is dependent on gasket material selected