Top five reasons engineers specify the GripRing™ pipe restraint:

1. Simple to install
2. True Full Circumferential Restraint
3. No radial bolts to tighten
4. Innovative Design
5. When the road washes out, your water main won’t go with it
The GripRing’s wedge action provides the restraint required for your application.

Rated to full working pressure of pipe
GripRing pipe restrainers may be used at the full rated capacity of the pipe, including an allowance for pressure surges.

Built in stop to prevent damage to pipe
The “gap” in each GripRing completely closes before a pipe can be excessively stressed.

Provides the restraint required for your application
After the GripRing is engaged by tightening the T-bolts, the system responds dynamically to pressure changes in the pipe, providing the restraint required. Restraining systems using radial bolts or pads need to be pretightened enough to restrain the “worst case” pressure conditions.

Flexes to accommodate deflection allowed in a Mechanical Joint
Restrains under misalignment conditions often found in the field.

Gland is painted yellow to avoid confusion
Since the gland used with the GripRing restraint system is similar in looks to a standard MJ Gland, it is painted yellow. The inspector can easily see that a restrainer has, in fact, been used.

<table>
<thead>
<tr>
<th>PIPE MATERIAL</th>
<th>RING COLOR</th>
<th>WORKING PRESSURE</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ductile Iron - AWWA C151</td>
<td>Black</td>
<td>350</td>
<td>OD is same as DI, C151.</td>
</tr>
<tr>
<td>PVC - D.I. Size, AWWA C900</td>
<td>Black</td>
<td>Rating of pipe</td>
<td>4&quot;-8&quot; Class 160-200: 10&quot; &amp; 12&quot; Class 200 only.</td>
</tr>
<tr>
<td>PVC - “Class Pipe”, ASTM D 2241</td>
<td>Red</td>
<td>Rating of pipe</td>
<td>4&quot;-8&quot; Class Sched. 40-80, 10&quot; &amp; 12&quot; Sched. 80 only.</td>
</tr>
<tr>
<td>PVC - ASTM D 1785</td>
<td>Red</td>
<td>Rating of pipe</td>
<td></td>
</tr>
<tr>
<td>PVC Molecularly Oriented (C909)</td>
<td>-</td>
<td>-</td>
<td>GripRing is not for use on C909 pipe.</td>
</tr>
</tbody>
</table>

For pipe and classes not listed in the compatibility chart above, contact Romac Industries.
*Consult GripRing Pipe Material Compatibility Chart.
*UL Listed & FM Approved