Pressure-Temperature Ratings On Carbon Steel Butt Weld Fittings

Based on Code for Pressure Piping B31.1

<table>
<thead>
<tr>
<th>Nominal Pipe Size</th>
<th>Wall Thickness*</th>
<th>** Working Pressure-- lbs per square inch at the Fahrenheit Temperature Indicated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>-20° to 650°</td>
</tr>
<tr>
<td>1/2</td>
<td>.109</td>
<td>1695</td>
</tr>
<tr>
<td>3/4</td>
<td>.113</td>
<td>1455</td>
</tr>
<tr>
<td>1</td>
<td>.133</td>
<td>1575</td>
</tr>
<tr>
<td>1 1/4</td>
<td>.140</td>
<td>1065</td>
</tr>
<tr>
<td>1 1/2</td>
<td>.145</td>
<td>1005</td>
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<tr>
<td>2</td>
<td>.154</td>
<td>900</td>
</tr>
<tr>
<td>2 1/2</td>
<td>.203</td>
<td>1215</td>
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<tr>
<td>3</td>
<td>.216</td>
<td>1095</td>
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<tr>
<td>12</td>
<td>.375</td>
<td>630</td>
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<tr>
<td>14</td>
<td>.375</td>
<td>570</td>
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<tr>
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<tr>
<td>48</td>
<td>.375</td>
<td>165</td>
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</tbody>
</table>

* Nominal wall thickness; they correspond respectively to the thickness of STANDARD WALL GRADE B steel pipe.

** Ratings apply in accordance with Sections 1 and 5 of the Code for Pressure Pipe. The values shown are based upon a corrosion allowance of 0.05 inches for sizes 1" and smaller. For sizes 1 1/4" and larger, a corrosion allowance of 0.065 inches is used.

*** Upon prolonged exposure to temperatures about 775° the carbide phase of carbon steel may be converted to graphite. For other applications refer to appropriate section of B31 Code for Pressure Piping.
Pressure-Temperature Ratings on Carbon Steel Butt Weld Fittings

Based on Code for Pressure Piping B31.1

**EXTRA STRONG**

<table>
<thead>
<tr>
<th>Nominal Pipe Size</th>
<th>Wall Thickness*</th>
<th>** Working Pressure- lbs per square inch at the Fahrenheit Temperature Indicated**</th>
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</thead>
<tbody>
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<td>269</td>
</tr>
<tr>
<td>48</td>
<td>.500</td>
<td>235</td>
</tr>
</tbody>
</table>

* Nominal wall thickness; they correspond respectively to the thickness of **EXTRA STRONG** WALL GRADE B steel pipe.

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