CARBON PIPES FOR LOW TEMPERATURES
ASTM A333 - ASME SA333

Seamless and welded pipes

USE
- Conveying fluids at low temperatures

STEEL GRADE
- 6

PROCESSING
- Seamless
- Welded

TOLERANCES

THICKNESS
- + not specified (delimited by mass) / − 12.5%

OUTSIDE DIAMETER

<table>
<thead>
<tr>
<th>Diameter (mm)</th>
<th>Tolerance (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.3 &lt; D ≤ 48.3</td>
<td>+0.4 / −0.8</td>
</tr>
<tr>
<td>48.3 &lt; D ≤ 114.3</td>
<td>+0.8 / −0.8</td>
</tr>
<tr>
<td>114.3 &lt; D ≤ 219.1</td>
<td>+1.6 / −0.8</td>
</tr>
<tr>
<td>219.1 &lt; D ≤ 457</td>
<td>+2.4 / −0.8</td>
</tr>
<tr>
<td>457 &lt; D ≤ 660</td>
<td>+3.2 / −0.8</td>
</tr>
<tr>
<td>660 &lt; D ≤ 864</td>
<td>+4.0 / −0.8</td>
</tr>
<tr>
<td>864 &lt; D ≤ 1219</td>
<td>+4.8 / −0.8</td>
</tr>
</tbody>
</table>

OUT OF ROUNDNESS
- Within the limits of tolerance for the diameter

MASS
- The mass per unit of length for pipes ≤ 323.8mm must not vary by + 10% / − 3.5% from the values specified
- For pipes > 323.8mm the mass per unit of length must not vary by + 10% / − 5% from the values specified
- The benchmark parameters must be identified in the ANSI B36.10 and ANSI B36.19 standards and for non-standardized sizes the following equation must be applied:
  \[ M = t(D− t) \times C \]
- Any restrictions are shown in the standard

STRAIGHTNESS
- Reasonably straight
CARBON PIPES FOR LOW TEMPERATURES
ASTM A333 - ASME SA333

Seamless and welded pipes

MARKING
Pipes with D ≤48,3mm will be identified by means of a label applied to one end of the bundle.
Pipes with D >48,3mm will be marked legibly 300mm from one end with the following information:
► Manufacturer’s name or trademark
► Reference standard
► Steel grade
► Cast number
► Resilience test performance temperature
► Diameter and thickness
► Length
► Weight
► Any additional instructions

CERTIFICATION
UNI EN 10204

SIZE
RANGE
ASME B36.10