Sanitary Pipes / Fittings
Overview

- Common Specifications
- Material Standards
  All Sanitary Pipe:
  - JIS G3447 (1994) Pipe Stainless Steel
  - No. 1S~3S, JIS G3447
- Common Specifications (Multi-Use/Exposed/Sanitary/Valves):
  - Surface Finish:
    - Inner Surface: #320~400 (Ra≤2.5µm)
    - Outer Surface: #320~400 (Ra≤1.0µm)
  - Number of Circuits:
    - | For Number of Circuit 2 | For Number of Circuit 3 | For Number of Circuit 4 |
      - Number of Circuits
      - 1mm Increment
      - 1.5 ~ 1000
      - 3 ~ 1000
      - 6 ~ 1000
      - 15 ~ 1000
      - 75 ~ 1000
      - 300 ~ 1000

Table of Sanitary Pipes: Depending on Dimension Standard
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>O.D. (D)</td>
<td>Thickness (t)</td>
<td>Area of I.D. mm²</td>
<td>Cross-sectional Area of Pipes mm²</td>
</tr>
<tr>
<td>8A</td>
<td>13.8</td>
<td>1.65</td>
<td>67</td>
<td>1.46</td>
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<tr>
<td>10A</td>
<td>15.8</td>
<td>2</td>
<td>87</td>
<td>1.72</td>
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<tr>
<td>1.5S</td>
<td>21.7</td>
<td>2</td>
<td>241</td>
<td>129</td>
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<tr>
<td>2S</td>
<td>26.7</td>
<td>2</td>
<td>415</td>
<td>209</td>
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<td>2.5S</td>
<td>36.9</td>
<td>2</td>
<td>679</td>
<td>315</td>
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<tr>
<td>3S</td>
<td>46.3</td>
<td>2</td>
<td>946</td>
<td>466</td>
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<tr>
<td>3.5S</td>
<td>56.7</td>
<td>2</td>
<td>1195</td>
<td>588</td>
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</tbody>
</table>

- Weight of Pipe and Liquid kg/m = Weight of Pipe + Amount of Liquid in Pipe

- Example of Plumbing Sanitary Pipe and Listed Page

Sanitary Pipes / Fittings Standard / Weld-On Short Sleeve

<table>
<thead>
<tr>
<th>Standard Type</th>
<th>Material</th>
<th>Surface Finish</th>
<th>Outer Surface</th>
<th>Standards</th>
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<tbody>
<tr>
<td>SNPS</td>
<td>316L Stainless Steel</td>
<td>No. 1S~3S</td>
<td>JIS G3447</td>
<td>1994</td>
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<tr>
<td>SNPW</td>
<td>304 Stainless Steel</td>
<td>No. 8A~15A</td>
<td>JIS G3447</td>
<td>1994</td>
</tr>
</tbody>
</table>

Table of Applicable Standards
For detailed dimensions, refer to stipulated standards.

Sanitary Pipes

- Overview
- Sanitary Pipes / Fittings
- Types
- Sanitary Small Diameter Pipes (316L Stainless Steel 8A~15A)
- Sanitary Adapter Fittings
- Weld-On Short Sleeve
- Clamp
- Sight Glasses
- Showerball

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