PRIMOFIT - Features

- PRIMOFIT compression fittings are pre-assembled, dismantling is not required
- Minimum pipe preparation
- End-load resistant (push and pull-out), a fixing of the pipe is not required
- Made out of malleable cast iron, with hot dip galvanised or black finish
- Quick assembly - low costs
- No special tools necessary
- Angular deflection of the pipe possible - up to 3° for each PRIMOFIT compression fitting joint. By using a PRIMOFIT coupling (two compression joints) a deflection of max. 6° is possible.
- PRIMOFIT compression joint can be loosened
- Small and compact fitting
- Design of fitting bodies and nuts allow the use of shrink sleeves
- Electric conductive, can be used for cathodic corrosion protection and potential equalisation

PRIMOFIT Application Gas

PRIMOFIT Application Water

Product range see page 7, 11, 15, 17, 19, 25, 29, 33

Product range see page 7, 15, 21, 23, 25, 29, 33, 35
PRIMOFIT Application Heating

Note: Also transitions to butt weld tubes available.

Product range see page 11 and 15

PRIMOFIT Application
Compressed Air

PRIMOFIT as transition for different pipe materials:
steel pipe, butt weld tube ("Siederohr"),
lead pipe, PE-pipe and PE-Xa-pipe

Product range see page 7, 11, 35, 37
Product range see page 15, 21, 23, 25, 29, 33

PRIMOFIT fits everywhere –
the perfect solution for building technology, utilities and industry
The PRIMOFIT-system

Overview - coupling dimension, pipe diameters for egal compression fitting bodies and diameter of the minimum bore

<table>
<thead>
<tr>
<th>Nominal diameter DN</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>32</th>
<th>40</th>
<th>50</th>
<th>65</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel pipe</td>
<td>mm</td>
<td>17.2</td>
<td>21.3</td>
<td>26.9</td>
<td>33.7</td>
<td>42.4</td>
<td>48.3</td>
<td>60.3</td>
<td>76.1</td>
</tr>
<tr>
<td>Tolerance range</td>
<td>mm</td>
<td>16.7 - 17.5</td>
<td>21.0 - 21.8</td>
<td>26.5 - 27.3</td>
<td>33.3 - 34.2</td>
<td>42.0 - 42.9</td>
<td>47.9 - 48.8</td>
<td>59.7 - 60.8</td>
<td>75.3 - 76.6</td>
</tr>
<tr>
<td>Butt weld tubes</td>
<td>mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>38.0</td>
<td>44.5</td>
<td>57.0</td>
<td>70.0</td>
</tr>
<tr>
<td>Tolerance range</td>
<td>mm</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>37.5 - 38.5</td>
<td>44.0 - 45.0</td>
<td>56.4 - 57.6</td>
<td>69.3 - 70.7</td>
</tr>
<tr>
<td>PE pipe</td>
<td>mm</td>
<td>-</td>
<td>20.0</td>
<td>25.0</td>
<td>32.0</td>
<td>40.0</td>
<td>50.0</td>
<td>63.0</td>
<td>-</td>
</tr>
<tr>
<td>Tolerance range</td>
<td>mm</td>
<td>-</td>
<td>20.0 - 20.3</td>
<td>25.0 - 25.3</td>
<td>32.0 - 32.3</td>
<td>40.0 - 40.4</td>
<td>50.0 - 50.5</td>
<td>63.0 - 63.6</td>
<td>-</td>
</tr>
<tr>
<td>Lead pipe</td>
<td>mm</td>
<td>-</td>
<td>18.3</td>
<td>23.9</td>
<td>27.3</td>
<td>36.5</td>
<td>45.8</td>
<td>53.1</td>
<td>-</td>
</tr>
<tr>
<td>Tolerance range</td>
<td>mm</td>
<td>-</td>
<td>18.3 - 21.9</td>
<td>23.9 - 27.4</td>
<td>27.3 - 30.9</td>
<td>36.5 - 37.6</td>
<td>45.8 - 46.9</td>
<td>53.1 - 55.4</td>
<td>-</td>
</tr>
<tr>
<td>Minimum bore**</td>
<td>mm</td>
<td>7.5</td>
<td>11.1</td>
<td>17.8</td>
<td>24.0</td>
<td>31.4</td>
<td>37.1</td>
<td>46.5</td>
<td>61.3</td>
</tr>
<tr>
<td>Thread size</td>
<td>inch</td>
<td>½</td>
<td>½</td>
<td>½</td>
<td>1</td>
<td>1¼</td>
<td>1½</td>
<td>2</td>
<td>2½</td>
</tr>
</tbody>
</table>

* only spare pack available
** complies to the minimum clear bore of the male adapter.
At all other fitting types the inside diameter of the pipe will be the minimum clear bore.
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