What characterises the NEOflex PE-RT 15 x 1.5?

The NEOflex PE-RT 15 x 1.5 is the consistent further development of the MAINFLOOR PE-RT pipes for underfloor heating. It is especially distinguished by its outstanding flexibility due to its unique geometry (ratio between wall thickness and diameter). For the NEOflex pipe we offer an extended warranty of 15 years.

What characterises the raw material and the production technology?

The material that is used is Polyethylene of raised temperature resistance. Due to the unique molecular structure crosslinking is not necessary to achieve a long term temperature stability.

State-of-the-art pipe technology

MAINCOR PE-RT pipes are already produced in a coextrusion process, meaning that all five layers are produced simultaneously. Only by coextrusion a homogenous and very stable material bonding can be guaranteed. Due to the innovative five layer technology the oxygen barrier is protected against mechanical damage.

Characteristics

<table>
<thead>
<tr>
<th>Working temperature</th>
<th>70°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. temperature</td>
<td>95°C</td>
</tr>
<tr>
<td>Operating pressure</td>
<td>6 bar</td>
</tr>
<tr>
<td>Standard colour inside</td>
<td>transparent</td>
</tr>
<tr>
<td>Standard colour outside</td>
<td>red</td>
</tr>
<tr>
<td>Packing</td>
<td>cardboard box, plastic bag or wrapped</td>
</tr>
<tr>
<td>Max. bending radius</td>
<td>75 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Outer diameter (mm)</th>
<th>Wall thickness (mm)</th>
<th>Coil lengths (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 x 1.5</td>
<td>15 + 0.3</td>
<td>1.5 + 0.3</td>
<td>300 / 600</td>
</tr>
</tbody>
</table>

Fittings:
- Eurocone screw connection
- Eurocone adapter*
- Coupler*

Applications:
- underfloor heating
- wall heating
- underfloor cooling
- ceiling cooling

Standards:
- DIN EN ISO 22391
- DIN 16833
- DIN 4726

Certification:
- SKZ A 522

Advantages:
- easier handling
- 15 mm pipe with the flow rate of a 16 mm pipe
- 15 years warranty

*Tools (Expander and Sliding jaws) identical with MPX NW16

Subject to modifications and amendments!