thermaflex®
District Heating Solutions

Instruction Leaflet

Flexalen Short Length Package

All-in-one pre-insulated pipe package for quick and efficient A to B connections

Set Content

Flexalen 600 double pipe with oxygen barrier

4x Compression fitting

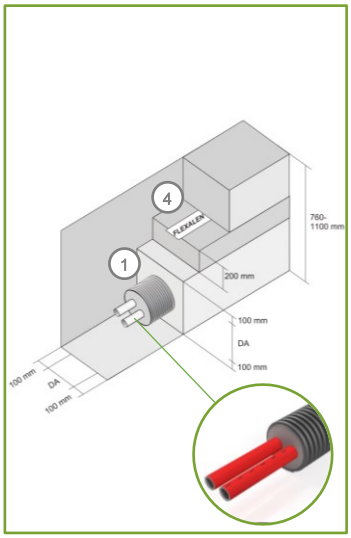
2x Rubber end cap double

1x Trace waring tape

Application Instruction

Application conditions and pipe preparation

- Ambient temperature: +5 to +40°C
- Service pipe is cut straight and without damage
- Service and casing pipe are free from dirt and condensation



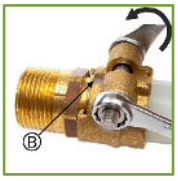
01.
Prepare trench in accordance with the above picture. Please consider the corresponding standards and regulations regarding pre-insulated district heating pipelines.

02.
Clean casing pipe (1) and rubber end caps (3). Apply the end caps first on the service pipes. Use only water as lubricant. Sealing lip must be completely in the corrugation of the casing pipe. Apply cable ties.

03.
Open the clamping sleeve of the compression fitting (2) by using the spreading bolt with an Allen key. Place clamping sleeve on the medium pipe.

04.
Insert the connector into the service pipe.

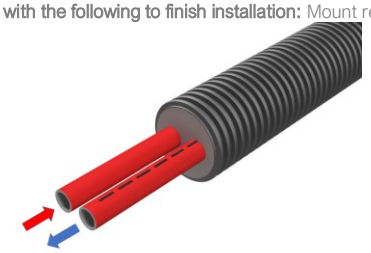
05.
Place the clamping sleeve in such a way that the tabs (A) align with the groove on the body.



06.
Start tightening. Tighten periodically and allow the pipe to modify. Ensure that the pipe always stays in the bottom (B).

07.
Tighten the bolt until the clamping sleeve is closed.

Proceed with the following to finish installation: Mount restraining clamps; start pressure testing according DIN:1988-2; seal building entrance



The black dotted dash line on one service pipe avoids mix-up of flow- and return line.

Disclaimer
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