

CIPFIT

for CIPP relining house connection

Design features

- for potable water
- for connecting house service connections to main water lines that have been rehabilitated by CIPP lining
- The main sealing is applied to the inner surface of the CIPP rehabilitated main water pipe. An external O-ring provides additional protection for the laminate of the liner.
- Components are shaped to fit the pipe diameter and have fixed seals
- Cipfit installation from the inside of the relined pipe
- DN 200 to DN300 | PN16 (other DN upon request)
- outer outlet thread diameter 1½"
- Cipfit is intended for use on Class A CIPP linings according to ISO 11295

Material | Technical features

- | | | |
|---|--------------------|--------------------------------|
| 1 | outlet | made of lead-free brass CW724R |
| 2 | counter nut | made of lead-free brass CW724R |
| 3 | nut | made of lead-free brass CW724R |
| 4 | upper ring | made of lead-free brass CW724R |
| 5 | lower ring | made of lead-free brass CW724R |
| 6 | o-ring | made of EPDM |
| 7 | old pipe | |
| 8 | CIPP lining | |

Tools

- | | |
|---------------------|---------------------------------------|
| Cipfit assembly kit | No. NSCKIT (included 1.1 - 1.5) |
| | bowl (1.1) |
| | lid (1.2) |
| | rope (1.3) |
| | fork (1.4) |
| | socket wrench (wrench + socket) (1.5) |

Draw wire (length according to the need) (2.1) **

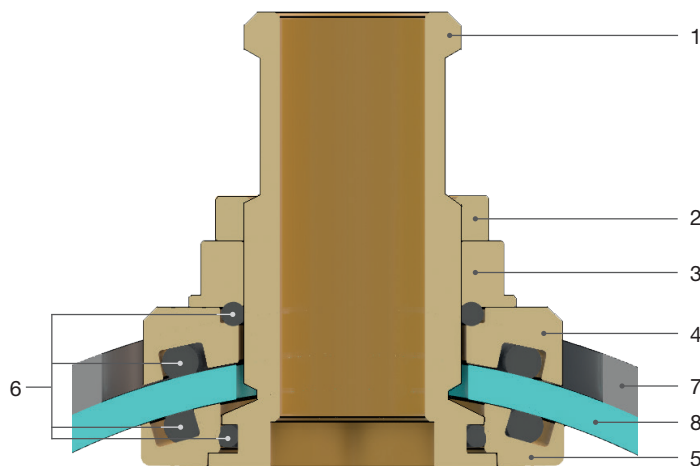
Pullback rope (length according to the need) (3.1) **

Drill or angle grinder larger than d110 or 110x110mm (4.1) **

Drill d50 (5.1) **

** not included in the Cipfit assembly kit

No. NSCFIT



Order No.	Pipe DN	PN	Cipfit external thread	Pipe inner diameter range
NSCFIT	200	16	1 ½"	196 - 209
	225			210 - 229
	250			230 - 260
	300			261 - 309

1.1, 1.3



1.2



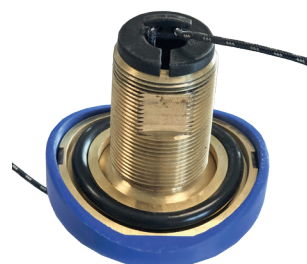
1.4



1.5



Cipfit + assembly kit

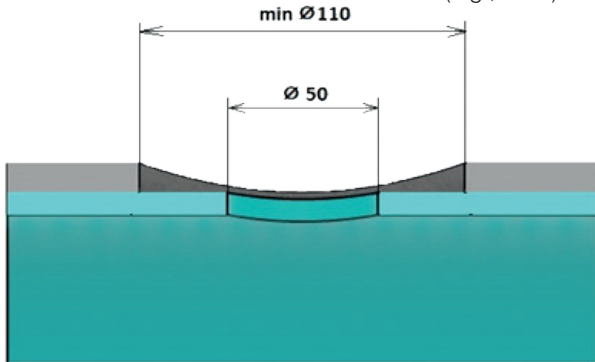


CIPFIT

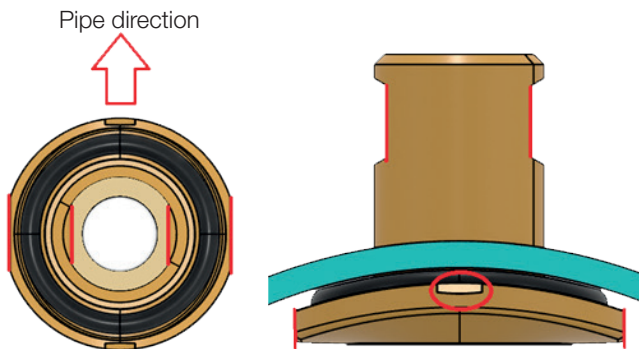
for CIPP relining house connection

Installation

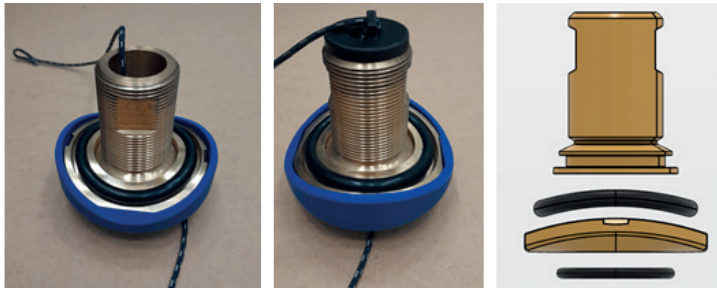
1. Drill a hole into the old water pipe, with diameter at least $\varnothing 110$ (4.1) or cut a hole with the angle grinder $110 \times 110 \text{ mm}$ (4.1).
2. After the CIPP lining installation drill a hole of $\varnothing 50$ (5.1) into the liner. Care must be taken to ensure that the seam of the liner does not fall within the drilling area, and that the Cipfit is not installed on deformed sections of the liner (e.g., folds).



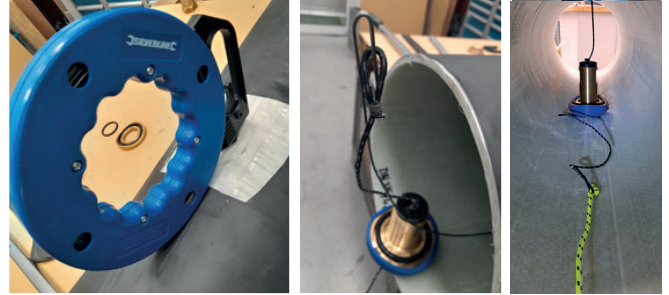
3. For the right position of the Cipfit set up lower ring and outlet according to the pictures below. The right position is marked red.



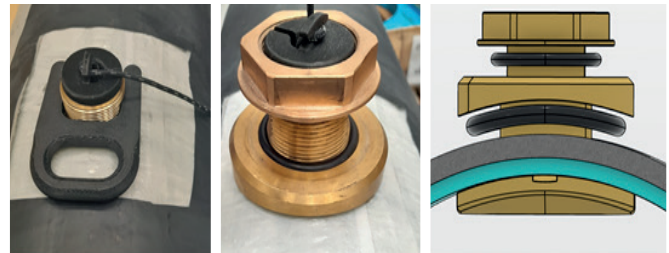
4. Put Cipfit (lower ring (5), outlet (1) and O-rings) into the bowl of the Cipfit assembly kit (1.1). Push the lid (1.2) into the outlet of Cipfit and fix the rope (1.3) through the lid (1.2).



5. Put the draw wire (2.1) through the drilled hole and connect it with the rope of Cipfit assembly kit (1.3). Tighten the pullback rope (3.1) on rope of Cipfit assembly kit (1.3).



6. Pull Cipfit assembly kit through a drilled hole and ensure it with the fork (1.4). Release the draw wire (2.1) from the rope of the Cipfit assembly kit (1.3) and assemble upper ring, O-rings and nut.

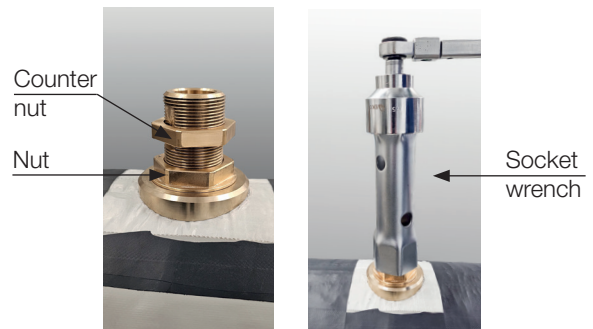


7. Remove the lid of Cipfit assembly kit (1.2) from Cipfit. The bowl of Cipfit assembly kit (1.1) falls into the pipe. Pull out the bowl of Cipfit assembly kit (1.1) from the pipe with the pullback rope (3.1).



8. Tighten the nut with a torque of 120 Nm with socket wrench (1.5).

9. Tighten the counter nut with socket wrench (1.5).



Link for installation video:

