


Manual

Installation Manual Benarx F Drain Plug


Installation Manual Benarx F Drain Plug

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1 SCOPE


The purpose of this document is to secure the correct application for manufacturing of tightening bands and Benarx F Drain Plug on Benarx F Cellular Glass XP according to the companies work instructions and procedures.

2 DEFINITIONS

NA

3 RESPONSIBLE

The individual operator, which is mounting the of tightening bands and Benarx F Drain Plug on Benarx F Cellular Glass XP, is solely responsible for mounting the product according to applicable work instructions and procedures for the job.

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4 TOOLS AND EQUIPMENT

1. Benarx F Drain Plug (drain plug)
2. RUKO-Strip (gasket)
3. Stainless steel sheet (AISI 316)
4. Drill Ø 3,3 (type Dormer)
5. AISI 316 ¾" tightening band
6. Tightening tool
7. AISI 316 clips for ¾" tightening band
8. Locking pliers for ¾" tightening band
9. Pop pliers (manual)
10. AISI 316 pop rivets (3,2 x 6) mm
11. Sheet metal shears
12. Measurement meter
13. Glass-fibre armed tape (for ¾" tightening band)
14. Knife
15. Hole saw 22 mm
16. Hacksaw blade
17. Caulking gun
18. Sealing compound type Nitoseal SC N (white)

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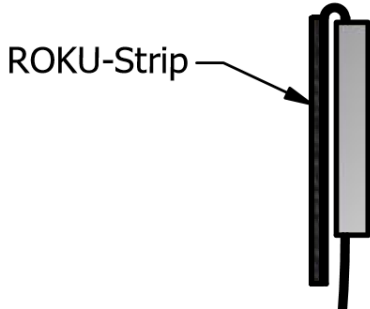
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5 COMPONENT LIST

Component number	Descriptions	Notes	Illustration
1.	Stainless steel sheet (AISI 316)		
2.	Glass-fibre tape		
3.	ROKU-Strip (gasket)		

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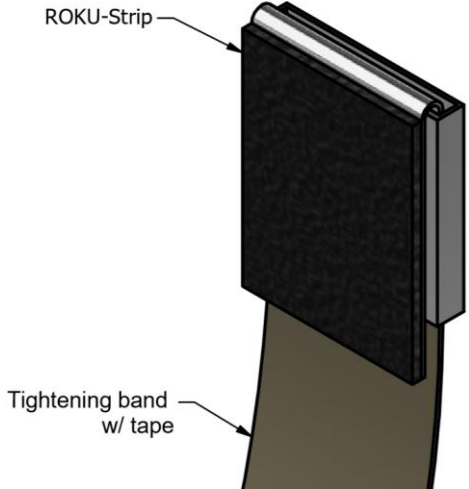
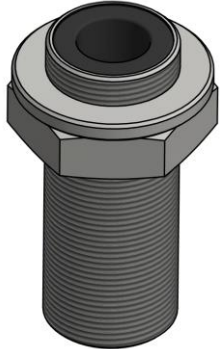
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Component number	Description	Notes	Illustration
4.	Clips (AISI 316)		
5.	Tightening band with tape on the inside of the band (into the insulation), ROKU-Strip		
6.	Benarx F Drain Plug (Drain plug)		

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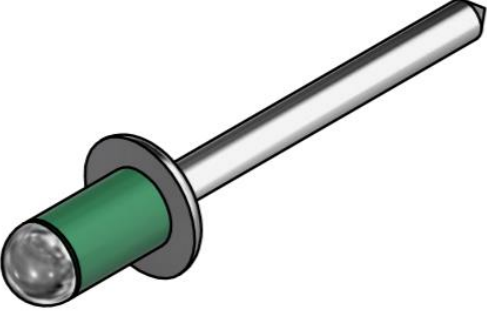
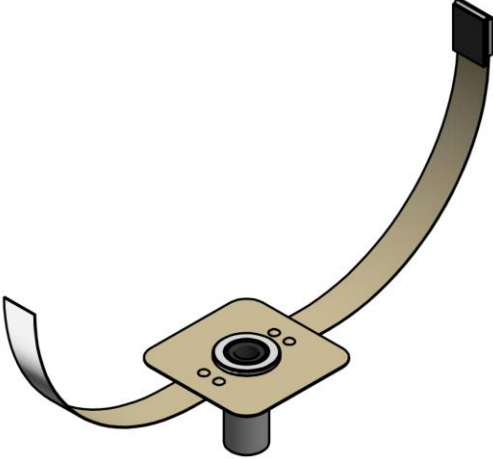
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Component number	Description	Notes	Illustration
7.	Stainless steel sheet (AISI 316)		
8.	Pop rivet (AISI 316)		
9.	Tightening band with Benarx F Drain Plug		

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Component number	Description	Notes	Illustration
10.	Tightening tool		
11.	Locking pliers (for 3/4" clips)		
12.	Nitoseal SC N (Sealing compound, white)		

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6 Implementation

Procedure

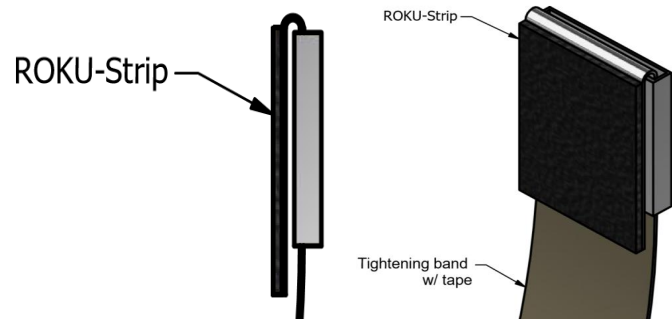
Illustration

1.

Bend the tightening band with the applied tape – over the clips.

Then, apply the gasket of type ROKU-Strip under the clips.

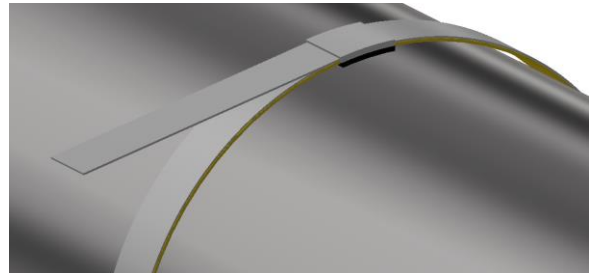
This is to prevent surface damage on Benarx F Cellular Glass XP when one locks the clips.



2.

Apply the tightening band on the outside of the insulation.

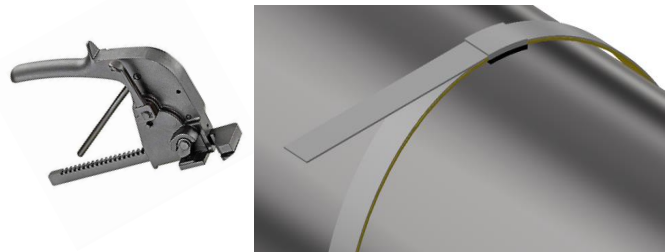
The glass-fibre tape and gasket shall be positioned between the tightening band and Benarx F Cellular Glass XP.



3.

Tighten carefully with a tightening tool.

The gasket (ROKU-Strip) is building 1, 2 mm in height.



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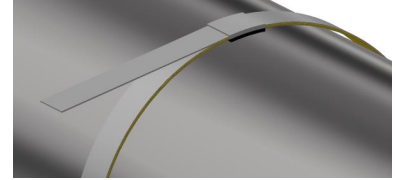
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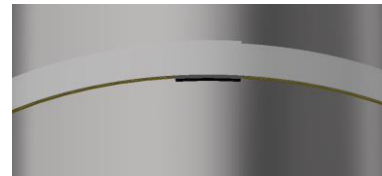
Lock the clips with locking pliers.

The gasket under the clips prevents any contact between the locking pliers and the insulation surface.



5.

The tightening band is installed.



6.

Tightening bands with Benarx F Drain Plug is produced according to point 1-5 and stainless sheet of steel.

Measurement sheet of steel:
50 x 50 x 0,5 mm.

Hole size in the middle of the sheet is \varnothing 22 mm.

Tightening band is fastened to the sheet of steel with the help of two pop rivets on each side of the drain plug (four pop rivets in total).

Pop nails are riveted flat. Apply tape on the inside of the sheet of steel.

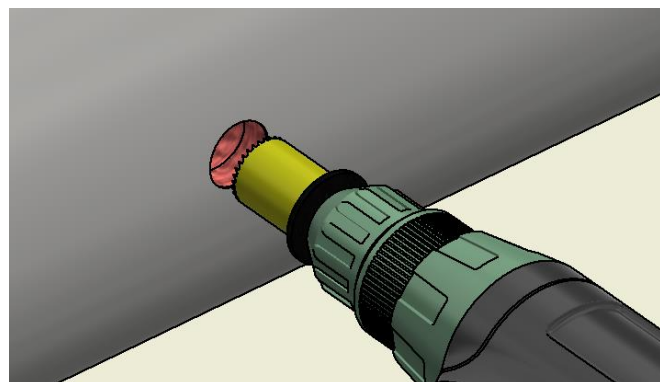



7.

Make through hole on the shallow point of the insulation (hole size \varnothing 22 mm).

NB:

Use the end of a hacksaw blade to make the hole in the insulation. This is to prevent damage on the coating / heating cables.



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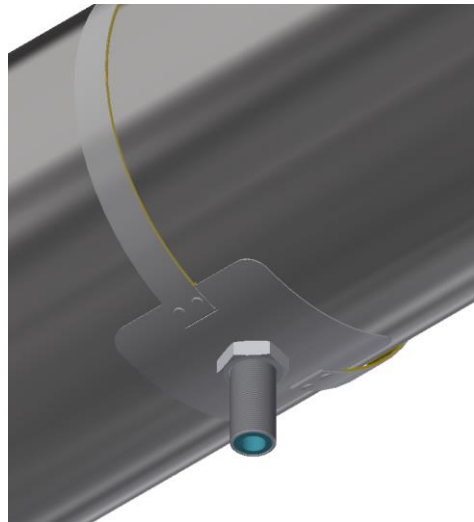
8.

The tightening band with Benarx F Drain Plug is installed.

The tightening band with drain plug is installed on the outside of the insulation – on the shallow point of the pipe.

Apply sealing compound (type SEAL ALL) between the insulation and sheet steel for the drain plug

Adjust the drain plug so that at a minimum, half of its length is within the insulation.



7 REGISTRATIONS AND DOCUMENTATION

N/A

8. REFERENCES

N/A

9. APPENDIX

N/A