

## Installation tutorial

### MASTER-RING gasket insert Ø 100 mm

medium pipe outer Ø 36 up to 44 mm

article number: 120120



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Product video in further languages



## Installation tutorial:



Supply takes place completely ready to be installed.

The **MASTER-RING** gasket insert consists of two pressure plates, a rubber part and the appropriate screws and nuts. The pressure plates, the screws and the nuts are made of V2A stainless steel.



Before installation the **MASTER-RING** gasket insert, the inside of the core drill hole and the outside of the gas, water, sewage pipes as well as the cables have to be cleaned.



When installing a **MASTER-RING** gasket insert in a core drill hole the inside of the core drill hole has to be preserved with an epoxy resin ( PROTECT EP resin).

The preservation serves to obtain a smooth surface and secondly as protection of the cut reinforcement steels against corrosion.



Insert the **MASTER-RING** gasket insert into the lining pipe or the preserved core drill hole and push the pipe/cable through.

The **MASTER-RING** gasket insert must be installed as close as possible to the outside of the wall ( earth-side, water-side).

Take care that the nuts can be controlled and retightened later.

The nuts have to be placed on the air-side.



Tighten the screws crosswise through one turn.

Repeat this process until all screws are tightened to the specified max. torque.

This procedure guarantees uniform pressing out of the rubber against the inside of the lining pipe / core drill hole. Check the torque after 1-2 hours and retighten the screws if necessary.

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Status: 23.03.2022

## Accessories

### MC-Injekt 1264 compact (epoxy resin)

Non-positive filling of cracks and joints. Injection into injection hoses. Suitable for dry and moist substrate  
Processing time a...

## Basis

All dimensions and information in this data sheet reflect the results of the laboratory tests that have been carried out. Deviations from the values determined by us under laboratory conditions are possible due to environmental and operating conditions beyond our control. The data in this data sheet only applies for the product delivered by us. The product data corresponds only to the specifications in Germany. Possible country-specific deviations are not taken into account here.

## Lifetime

The useful life of buildings is designed for 50 years, and so are the products that are installed. However, this can be shortened by external influences. The expected lifetime of our products depends to a large extent on the installation location (e.g. buried installation, damp environment, offshore, etc.). In addition, there are external influences such as exposure to chemical influences (e.g. acids, aggressive media, aqueous solutions, industrial waste water, oils, etc.) and ambient temperatures / operating temperatures. Ultimately, no generally valid statement can be made about the guaranteed service life of our MASTERTEC products, as this depends on many parameters (use, environmental influences, installation requirements, safety regulations, etc.). To ensure safe operation, we recommend continuous testing of the product, as part of an operating and maintenance manual to be prepared by the customer in accordance with the safety requirements.

## Indication of law

The technical information reflects our current knowledge of the product MASTER-RING gasket insert Ø 100 mm. It is intended only as information for users. As we do not know the envisaged applications and processing conditions, it is the responsibility of the user to carefully check that the product is suitable for the intended purposes. Due to the different components at the installation site and the working conditions in place there, MASTERTEC cannot provide any guarantee whatsoever for the result of the work. Claims arising from any legal relationship can only be recognised in the event of wilful intent or gross negligence, irrespective of the statements made here or advice provided verbally. In this case the user must prove that he has provided MASTERTEC in writing with all the information required to correctly assess the installation situation in good time. Subject to necessary product



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## **The previous data sheets are no longer valid**

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