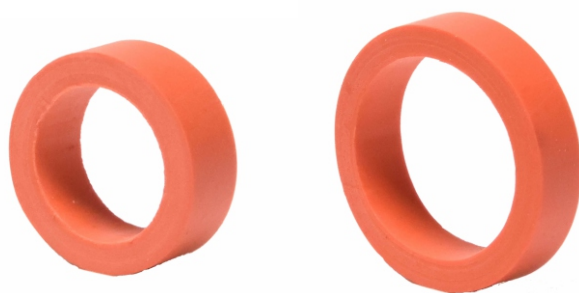


ActiveRing mini/maxi

The swelling external high-pressure seal for distance tubes

The **ActiveRing mini/maxi** are made of a highly swellable TPE mixture. The **ActiveRing mini/maxi** ensure reliable and durable external waterproofing for plastic and fibre cement distance tubes. The swelling of the **ActiveRing mini/maxi** and the swelling pressure developed during the swelling process prevent water penetration.



ActiveRing mini/maxi

 **YouTube**
Installation
video

Technical specifications:

Article number:	047200 (ActiveRing mini) 047250 (ActiveRing maxi)
Chemical basis:	Modified TPE
Colour:	red
Surface:	smooth
Dimensions:	10 x 5 mm
Inner diameter:	Approx. 23 mm (mini) for pipe diameters 25-32 Approx. 35 mm (maxi) for pipe diameters 38-42
Increase in volume:	up to 400 % , in normal water (PH 7) up to 100 % , in salt water
Temperature range:	Approx. -30° C bis +60° C
Gross density:	1,25 g/cm ³ DIN 53420
Hardness:	40-50 Shore A DIN 53505-A
Elongation:	up to 300 % DIN 53571

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Test certificate/Approval:

Test report
MFPA Leipzig
Nr.: PB P 5.1/16-501-1

Test report acid resistance
MPA Braunschweig
(1200/442/15d) – Pan v. 28.10.2015

Water pressure-tight:

up to max. 8 bar (80 m water column)

Resistant to:

e.g.
Diluted acids and alkalis
Salt water
Methane gas
Radon
Liquid manure and slurry
Fermentation mash and biogas
Concrete alkalinity
Mineral oils
Fuels (petrol, diesel, kerosene)

Packaging:

ActiveRing mini/maxi:
bag with zip fastener
250 pcs. per bag

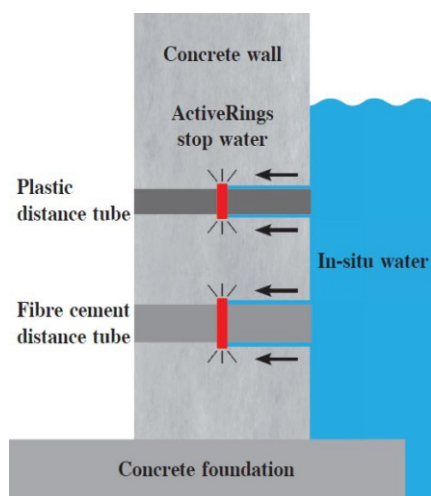
Storage:

In unopened, undamaged original packaging, dry
and protected from direct sunlight

Disposal:

Observing local authority regulations, it can be
disposed of in domestic waste landfills or
incinerated

Anwendung:



Typical applications of **ActiveRing mini/maxi** are the external waterproofing of plastic and fibre cement distance tubes.

This is how ActiveRing mini/maxi work:
When the rings come into contact with water, they activate and stop the flow of water. The waterproofing remains permanently active when in contact with water.

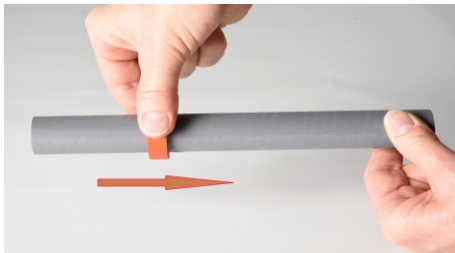
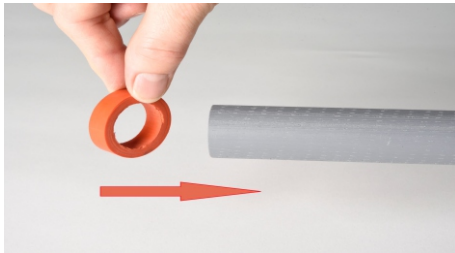
Installation of the swelling profiles is easy, fast and cost-efficient. The profiles ensure safe and permanent waterproofing – even in the case of high water pressure.

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Installation:



Also see our installation video at www.mastertec.eu

The **ActiveRing mini/maxi** are delivered in a bag with a zip fastener.

There are 250 **ActiveRing mini** or rather 250 **ActiveRinge maxi** in the bag.

The surface of the tubes must be clean.

The **ActiveRing mini/maxi** is slid onto the distance tube which requires waterproofing

The **ActiveRing mini/maxi** can be used on plastic or fibre cement distance tubes.

Position the **ActiveRing mini/maxi** in the middle of the distance tube.

Due to the flexibility of the **ActiveRing mini/maxi** no additional fixing is needed.

Completely mounted **ActiveRing mini/maxi**.

The **ActiveRing mini** can be used for plastic distance tubes with an outer diameter of 25 - 32 mm (e.g. plastic distance tubes 22/26, 26/31 und 26/32).

Der **ActiveRing maxi** can be used for fibre cement distance tubes with an outer diameter of 38 - 42 mm.

Completely installed **ActiveRings maxi**.

As **ActiveRings mini/maxi** are swelling materials, appropriate measures must be taken to protect them against rain until concreting.

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Safety:

The **ActiveRing mini/maxi** sealing collar does not contain any hazardous substances and poses no problems whatsoever in terms of handling and application. To the best of our knowledge, it contains no substances that are harmful to groundwater or could trigger health problems or allergic reactions in the installer.

Nonetheless, we recommend that an appropriate level of hygiene is observed during application and that hands are washed as a basic rule before meals.

Basic principles:

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.

Disclaimer:

The technical information reflects our current knowledge of the **ActiveRing mini/maxi** sealing collar. It is intended only as information for users. As we do not know the envisaged applications and installation conditions, it is the responsibility of the user to carefully check that the product is fit for purpose. Due to the different components at the installation site and the in-situ working conditions, 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 specifications or further developments. By providing this information MASTERTEC does not intend to infringe third-party rights. The latest data sheet in each case applies. Our corresponding terms and conditions of sale and delivery apply.

When a new version of this Data Sheet appears with updated information the previous loses its validity.

Version dated 11-2017

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