

PT Inject Flex Hose

**- injection hose for waterproofing of construction joints -
(low opening pressure, compatible to all injection materials)**

Product description

PT Inject Flex Hose is a special injection hose with conical micro slots. Due to the alignment of the slots in the hose no cement paste gets into the injection hose. The outer diameter is 12 mm and the inner diameter 5 mm. The slots are about 3.5 mm long and arranged in a distance of approx. 15 mm in clockwise direction around the hose.

Application areas

PT Inject Flex Hose is used for waterproofing and repair of construction joints in concrete against pressurized water. An injection is possible with polyurethane resins, epoxy resins, polyacrylic gels and polyurethane gels.

Product advantages

- **No bonding to fresh concrete**
- **Perfect injection area**
- **Light swelling properties, because of hydration heat of concrete**
- **Slots around the hose**
- **No penetration of cement paste**
- **Low opening pressure**
- **Robust design**
- **Easy to apply**
- **„Made in Germany“**

Specification

Material	: special rubber
Dimension	: approx. \varnothing inside 5 mm, \varnothing outside 12 mm
Length of slots	: approx. 3 mm
Opening pressure	: > 2 bar
Slots	: clockwise around the hose
Max. injection length	: 10 m (for longer injection length please contact our R&D department)
Weight	: 140 g per meter
Color	: yellow

All technical datas are measured in our laboratory.

Please take notice about the safety information and advice given on the safety data sheets and packaging labels.

Delivery form

Rolls á 50 m

Article-No. 02100050

Storage

48 months (cool, dry conditions and protected from sunlight in original packaging, +5 °C up to + 25°C).

Application

Surface preparation

The construction joint must be cleaned thoroughly, even by brush of with air pressure. Remove all separating material (dust, stones, cement, paste etcl.) out of the joint.

Material

PT Shutter Packer must be screwed in the PT Inject Flex Hose or put a ventilation hose at the end by using a PT Hose Connector. Cut off the injection hose to the required length. At this cutted end also a PT Shutter Packer or ventilation hose is required. This prefabricated injection hose must be placed in the middle of the joint. Fix the hose with PT Injection Hose Clips and dowels on the surface. Fix PT Shutter Packer on the inner formwork. The maximum recommended injection hose length is 10 m. The next hose can be installed with a 10 cm overlapping.

Recommended tools

Gloves, Safety glasses

Brush

Drilling machine

Dowels

Application areas:



Remarks

The information given in this technical data sheet corresponds to the current state of development and is based on our experience, our knowledge and is non-binding. An investigation has to be done with focus on the respective building project and the area of application. The technical expert advice of proof-tec employees does not exclude the planning or control by an engineer. We are liable within the scope of our general delivery and sales conditions, we are not liable for the application of our materials. The generally accepted rules of technology must be observed. If necessary, preliminary tests have to be carried out.

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All previous versions of this technical data sheet are not valid anymore and should not be used anymore.