

Technical Data Sheet

PT Inject Flex Hose 19

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

Product description

PT Inject Flex Hose 19 is a special injection hose with conical micro slots for injection with cement base materials. Due to the alignment of the slots in the hose no cement paste gets into the injection hose. The outer diameter is approx. 19 mm and the inner diameter is approx. 11 mm. The slots are approx. 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 19 is used for waterproofing against pressurized water or structural injection of construction joints in concrete and cavity injection in tunnelling. An injection is possible with polyurethane resins, epoxy resins, polyacrylic gels and polyurethane gels, as well as cement based materials.

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**
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Specification

| | |
|-----------------------|--|
| Material | : special rubber |
| Dimension | : approx. Ø inside 11 mm, Ø outside 19 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 | : 270 g per meter |
| Color | : petrol |

All technical datas are measured in our laboraty.

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 or with air pressure. Remove all separating material (dust, stones, cement, paste etc.) out of the joint.

Material

PT Shutter Packer must be screwed in the PT Inject Flex Hose 19 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 cut 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.