

## Technical data sheet

### Intec® Cem N injection hose

Intec® Cem N is a highly flexible, robust, resin, and cement injectable hose for waterproof construction cold joints and void filling; suitable for multiple injections



## Product

**Description** Intec® Cem N is an injectable hose with integral valves for sealing and possible re-sealing of construction joints in watertight structures against water and saltwater ingress. Suitable for use in arid and tropical climates.

**Applications** Intec® Cem N is a multi-grout injection hose for the injection of polyurethane-, epoxy-, and acrylic resins as well as cement pastes and suspensions. Intec® Cem N is mainly used to seal larger voids such as produced during concreting in underpinning and tunnelling applications. Voids are injected using cement paste or cement suspension. Additional injections are possible after flushing of the hose using a vacuum process. Intec® Cem N has been independently tested and certified for multiple injection applications.

**Characteristics/ Advantages**

- *proprietary valve technology*
- *effortless installation*
- *suitable for a variety of structures and construction methods*
- *proven long-term track record on many international projects*
- *field tested under all commonly encountered head pressures*
- *individual sections of up to 30 meters possible*
- *trace and track advanced embedded RFID technology available*

## Tests (copies on request)

**Standards / Approvals** Munich University of Technology test certificate (abP-Nr.: P-51-10-0011)  
German Approval according to the guidelines of the constructing supervising authorities with suitability proof for multiple injection  
Potable water approval according to German Drinking Water Sanitation standards for acrylic resin and INTECTIN® Plus resin injections – KTW/UBA test certificates

## Product Data

**Form / Appearance** Circular 18 mm diameter hose with distinctive orange and yellow woven protective fabric and a high grade, rubberized PVC core. The hose is covered with PE-material and protective fabric.

**Packaging** Intec® Cem N is supplied in 50 m coils

**Storage / Shelf Life** Minimum 48 months from manufacturing date, when stored in undamaged, unopened, original, sealed packaging, in cool and dry conditions at temperatures of +1°C to 40°C.

**Physical Properties** core: Shore A hardness 80 +/-5; tensile strength >15 N/mm<sup>2</sup> (DIN EN ISO 868/527)

### DISCLAIMER/NOTES

VALUE BASE: All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LEGAL NOTES: Recommendations with regard to product application given in the present technical data sheet for practical assistance of product users are based on our experience and our present scientific and practical body of knowledge. These recommendations, however, are given without engagement and do not establish a contractual relationship or subsidiary duties. These recommendations do not relieve users of their liability and of their own responsibility to test, whether our product is adequate for the intended purpose of application.

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