

Technical Data Sheet

Intec® Premium injection hose - PE

Intec® Premium PE is a highly flexible, robust, injectable hose for waterproof construction cold joints suitable for multiple injections with resin.



Product

Description

Intec® Premium PE 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.

Uses

Intec® Premium PE is used as a primary or redundant construction joint seal in water-proof structures against water and saltwater ingress or seepage. The hose is cast into construction joints along with the concrete. To achieve a watertight joint, **Intec® Premium PE** is injected with a suitable MAX FRANK injection material like polyurethane and epoxy resins.

Characteristics / advantages

- one-of-a-kind Intec® 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 up to 30 meters possible
- composed of environmental-friendly polyethylene material

Test Reports

Approvals / Standards

Munich University of Technology test certificate (abP-Nr.: P-51-20-0058)
German Approval according to the guidelines of the constructing supervising authorities with suitability proof for multiple injection

Product Data

Appearance

circular 13 mm diameter hose with distinctive orange woven protective PE-fabric with grey/red stripes and rubberized PE-core; internal diameter 5 mm

Packaging

Intec® Premium PE is supplied boxed in 100 m coils

Storage

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

Material Properties

core:

Shore A hardness 80 +/-5; tensile strength >15 N/mm² (DIN EN ISO 868/527)

fabric:

Shore A hardness 20 +/-5; tensile strength >32 N/mm² (DIN EN ISO 868/527)

Disclaimer / Notes:

This product does not require a Safety Data Sheet (SDS) according to REACH as it is not a substance or mixture as defined in Chapter 2, Article 3 of REGULATION (EC) No 1907/2006 (REACH).

All technical data stated in this TDS are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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. Please refer to the latest edition of this Technical Data Sheet on our web presence www.maxfrank.com