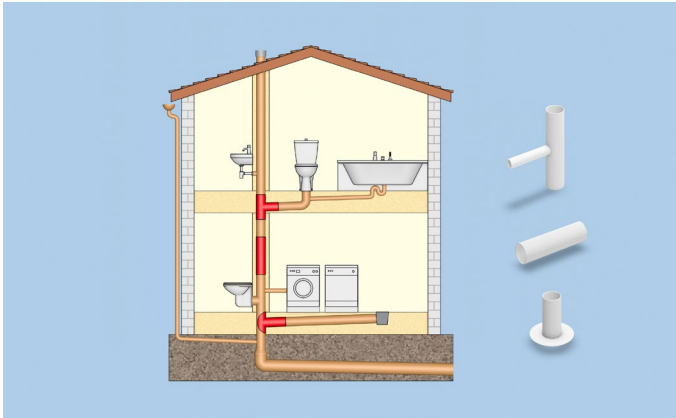


isoLINE® KL – for short liners, head profiles and T-shaped liners



Application area

Trenchless rehabilitation systems are an eco-friendly way to eliminate damage in sewer pipes inexpensively, quickly and permanently.

With the isoLINE® product range, Frenzelit has developed special textile materials for trenchless sewer rehabilitation which are installed by using inversion systems.

They are used mainly in the rehabilitation of damaged waste water, rainwater and collection pipes inside building structures.

Material profile

isoLINE® KL is based on needlemat that is produced from a combination of glass fibres and polypropylene fibres. The outstanding features of the material are high chemical resistance in waste water conditions, good resin uptake and low compressibility. The PVC film used bonds firmly to the textile. It is air- and water-tight as well as chemically resistant.

Thanks to the high glass fibre content of 85%, isoLINE® KL satisfies particularly exacting stiffness in flexure requirements and can be impregnated with epoxy resins.

Product characteristics

| | |
|------------------------|--|
| Needlemat | 85 % glass fibres 15 % PP fibres |
| Wall thickness | about 5 mm |
| Coating/inside | PVC film |
| Temperature resistance | for hot water curing |
| Colour | white |
| Coating | transparent |
| Seam material | PP sewing thread + PVC sealing tape |

In view of the variety of different installation and operation conditions and application and process engineering options, the information given in this prospectus can only provide approximate guidance.

Product range



isoLINE® KL short liner

Pipe DN 75 – DN 400

Other lengths can be produced on request



isoLINE® KL head profile

Pipe DN 75 – DN 400

Further dimensions on request

Angle 45°, 90°

Connector lengths 300, 400, 500 mm

Brim with or without reinforcement



isoLINE® KL T-shaped liner

Main pipe DN 75 – DN 400

Connector DN 50 – DN 250

Angle 45°, 90°

Undersize as requested by the customer

Do you have any questions about your application?
The technical textiles information service will help you:

textil@frenzelit.com

Quality management

ISO 9001, IATF 16949

Environmental management

ISO 14001

Energy management

ISO 50001

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