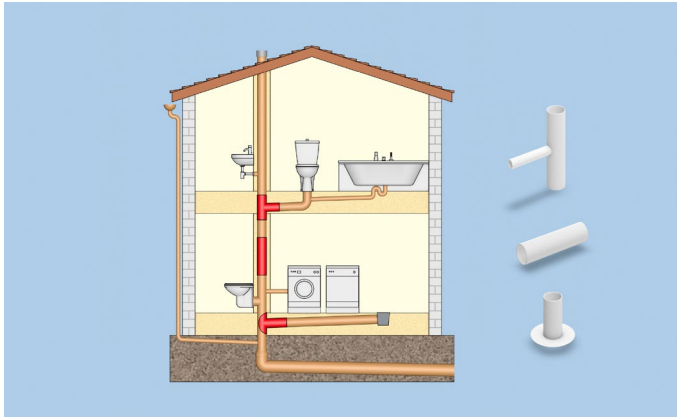


isoLINE® KL – for short liners, head profiles and T-liners



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.

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

textil@frenzelit.com

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-liner

Main pipe DN 75 – DN 400
Connector DN 50 – DN 250
Angle 45°, 90°

Undersize as requested by the customer

Quality management

ISO 9001, ISO/TS 16949

Environmental management

ISO 14001

Energy management

ISO 50001

GASKETS

TECHNICAL TEXTILES

EXPANSION JOINTS

INSULATION

NEW MATERIALS

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