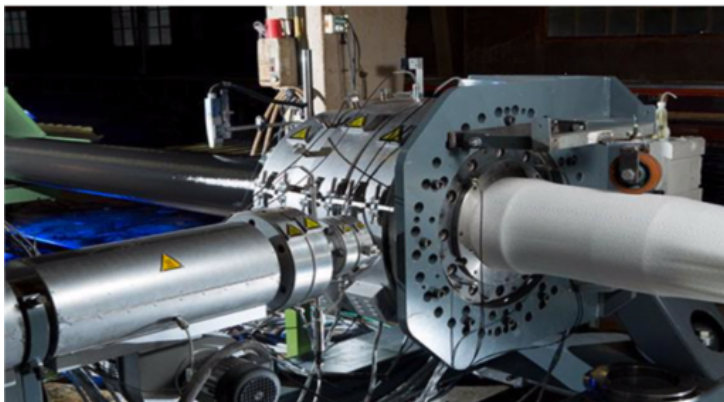
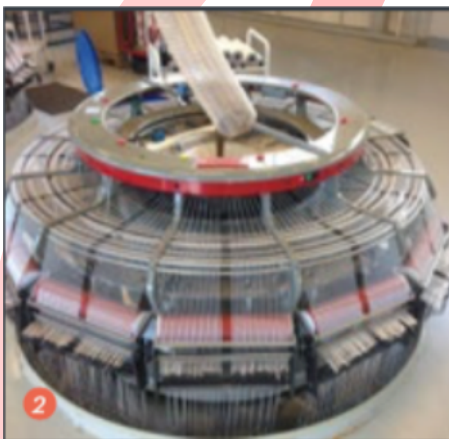


Texpipe for water,
gas, industry and oil

Texpipe is a special designed thermoplastic covered hose developed for rehabilitation of gas pipes, industrial water mains and oil pipes.



Circular weaving loom



Extrusion process
simultaneously inside and outside

Dimension and approval

Dimension from 4" (DN100) to 28" (DN700) nominal pipe diameter

Wall thickness DN 150/3.3 mm, DN 200/3.8 mm, DN 250/4.0 mm, larger DN up to 6 mm

The hose can be packed and delivered in a "U-shape", using tape wrapped around it or in flat shape.

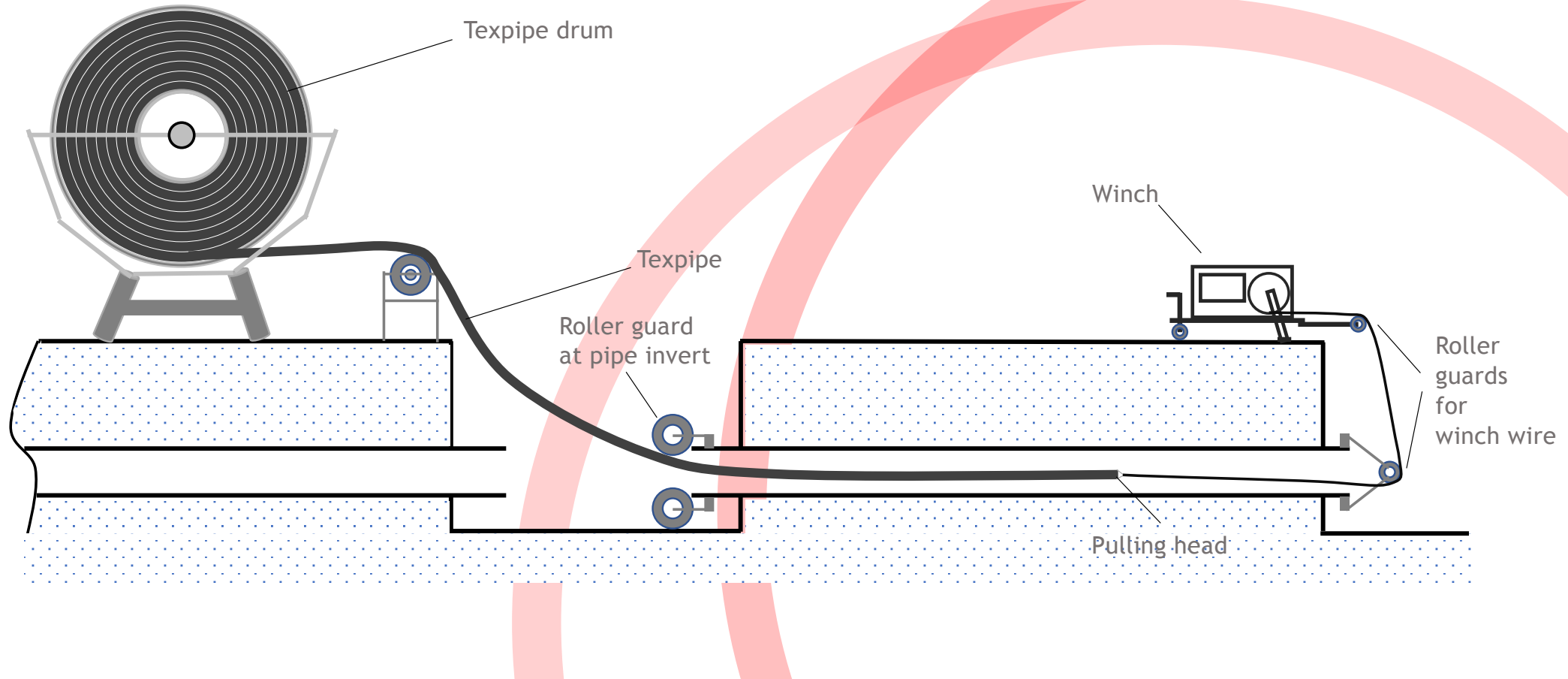
Texpipe is a structural, stand-alone hose that will ensure continual supply even if the host pipe should break.

Texpipe has NSF 61 approval and German KTW/W270 approval for the application in drinking water.



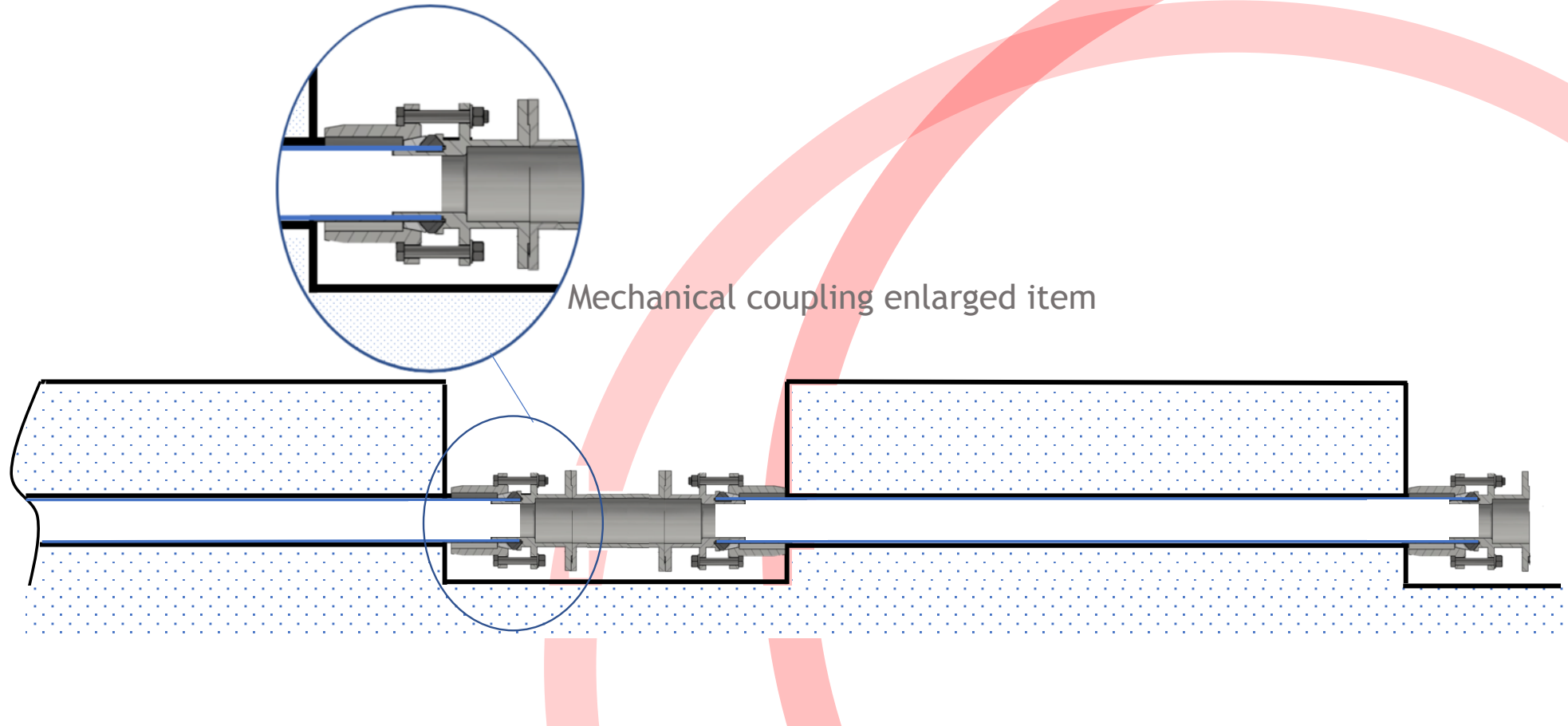
Installation process step one

The hose is simply pulled through the host pipe by using a wire winch.



Installation process step two

After pulling Texpipe inside, the mechanical couplings can be installed and the Liner pressurized and tested.



Properties

Texpipe consists of a thermoplastic polyether based polyurethane (TPU) with excellent wear & tear properties, outstanding hydrolysis resistance and resistance against microbiological attack.

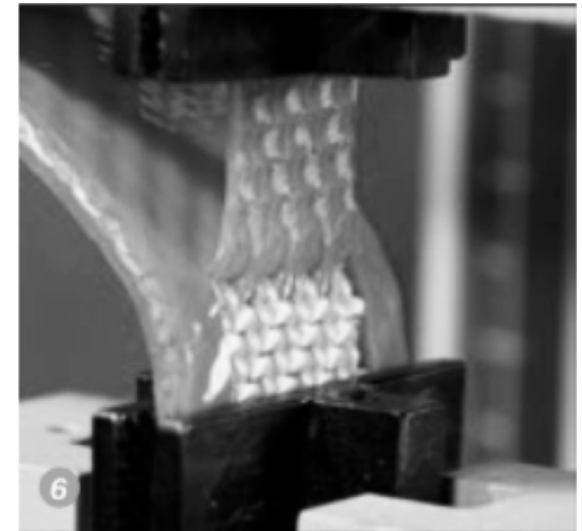
Operational pH range is 4-9. The “extrusion through the weave” production method gives excellent bonding between cover and lining as well as firmly encapsulating the circular woven polyester reinforcement.

The gas permeability coefficient at 20°C for CH₄ is 6
at Q ((m²/(s * Pa)) * 10⁻¹⁸ (DIN 53536)

The water vapour permeability WDD (g/(m² * d)) is 15 (DIN 53122)

Texpipe is approved for use in potable water in the US as per NSF 61
And in Germany as per KTW/W270.

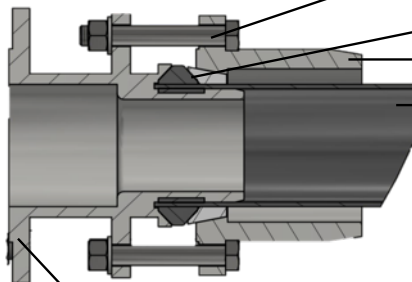
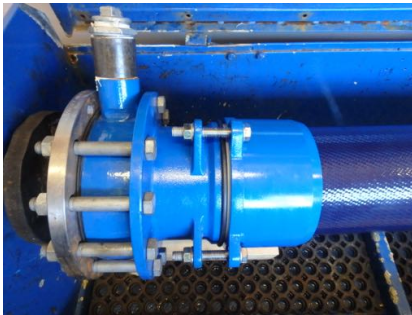
Please note that we can modify the TPU coating as per requirements by the customer to higher resistance level!



Bonding Test of the coating

The coupling

The coupling is a pure mechanical system applicable up to 16 bar operating pressure.



Bolts for tightening

Mechanical clamp

conus

Expansion protection

Texpipe

Flange adapter

We provide tailor made flange adapter if required for re-connection to the existing pipeline.

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