



SUBLINE PF

Site Folded PE Liners

Suitable for the renovation and protection of steel, ductile iron, cast iron, asbestos cement and other pipelines to prevent corrosion and seal cracks or leaks.

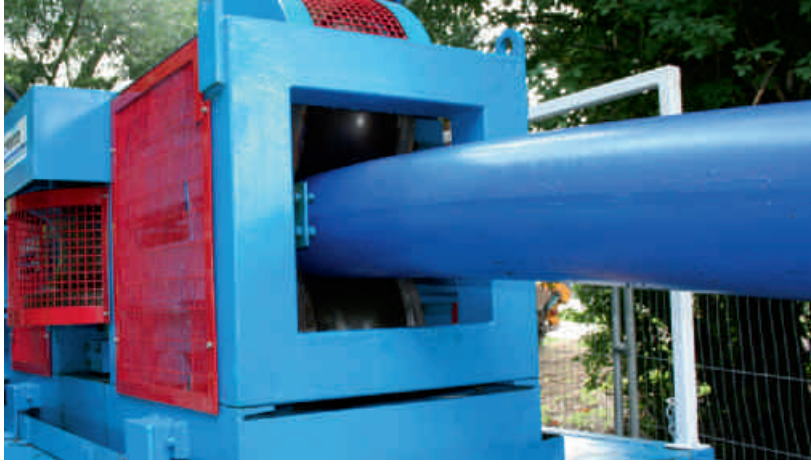
Our Subline PF thin-walled, close-fit polyethylene lining technologies offer an interactive, semi structural solution for the renovation of pipelines.

Thin-walled polyethylene pipe is welded on site into long lengths and pushed through a former that folds the liner pipe into a compact cross section. The folded pipe is then strapped with temporary bands and inserted into the host pipeline using standard sliplining techniques.

Once installed, the folded pipe is pressurised, allowing it to revert back to its original shape. This retains the pipe capacity and forms a continuous, pressure-tight close-fit lining within the host pipe.

Features & Benefits

- In bespoke sizes from 75mm to 1500mm.
- Retains pipe flow capacity.
- Standard polyethylene pipe resins with relevant approvals for public drinking water contact available.
- Gap spanning, hole and circumferential crack sealing properties.
- Close-fit smooth bore polyethylene liner for maximum flow capacity.
- Corrosion-resistant barrier prevents further internal deterioration of host pipeline.
- Material cost savings derived from using thin-walled liner pipe.
- Pipe liners can negotiate bends up to 45°.
- Full installation service or equipment rental available.



SUBLINE DR

Diameter Reduced PE Liners

A fully structural lining for the renovation of weakened and damaged steel, ductile iron, cast iron, asbestos cement and other pipelines to restore structural integrity.

Thick walled and fully pressure rated, this concentric reduction pipe lining system is ideal for the renovation of structurally weakened water, wastewater and gas mains.

Our close-fit lining technology uses standard PE pipe that is butt-fusion welded into appropriate lengths, and pushed through roller sets to reduce its diameter concentrically by approximately 10%.

This reduced diameter liner pipe is stable without the application of tension and can be inserted into the host pipeline using conventional sliplining techniques. Once installed, the pipe is pressurised using cold water to revert it back towards its original diameter, retaining capacity and forming a close fit within the host pipe.

Features & Benefits

- Standard polyethylene pipe sizes from 100mm to 500mm.
- Retains pipe flow capacity.
- Approved for public drinking water and gas applications.
- Fully pressure rated stand-alone pipe.
- Gap spanning, hole and axial crack sealing & corrosion resistance.
- Close-fit smooth bore polyethylene liner for maximum flow capacity.
- Installation cost and environmental benefits over pipe replacement.
- Liner pipe can be butt-fusion welded before or after the diameter reduction process.
- Flexibility of installation - once processed, the liner holds its reduced diameter until reversion.
- Full installation service or equipment rental available.