



PICOTE FLEXI SLIPLINING

Environmentally Friendly Pipe Rehabilitation for Gravity Sewer Pipes



An economical and fast method for the relining of DN100-300 (4-12") gravity sewers at 8 meters (26¼ ft per minute) through existing manholes.

The pipe is a self supporting, three layer PE (polyethylene) pipe that is installed through existing manholes with a winch and a wire. After installation the inner diameter of the relined pipe is reduced by one size, but the flow capacity (l/s) of the pipe remains the same due to better flow properties of the smooth PE pipe compared to concrete or cast iron.

USES AND BENEFITS

- Since 2016, more than 80km (50 miles) of Flexi-Pipe has been installed in 16+ countries.
- A jointless, self supporting, welded pipe installed without digging.
- Requires only a 2-person team & minimal training.
- Sewer can remain functional during installation.
- Pipe structure allows the pipe to bend through manholes without any loss of stiffness.
- Pipes are delivered in 50m (164') coils or 6m (19 ½') segments based on pipe diameter.
- Pipes can be welded together on-site with the PEX-welding ring.
- Easy to transport, store and handle.
- DIBt Certified.
- HPWJ tested to 180 bar by WRc*

Technical Specifications

Pipe Diameters & Segment Lengths	DN118 (4.64") - 50m (164')
	DN140 (5.51") - 6m (19 ½')
	DN175 (6.89") - 6m (19 ½')
	DN200 (8") - 6m (19 ½')
	DN235 (9.25") - 6m (19 ½')
DN270 (10.62") - 6m (19 ½')	
Maximum Pipe	100m (328 ft)
Ring Stiffness Class	SN8 (DE270 Flexirohr is SN4)
Minimum Ambient	-10°C (14°F)
Equipment Needed	Welding rig & inserts, welding balls in 3 Sizes: 118-140, 175-200, & 235-270mm (4.64-5.51, 6.89-8, 9.25-10.62"), pulling heads, upper roller guide, lower roller guide, winch & wire guide with lower roller, fiberglass cable feed line.

More Info/Guides/Technical Support:

- Visit picoteinstitute.com for e-learning courses, educational videos, quick guides, & manuals.
- For more information on products, spare parts, assembly and operation, consult the operation & safety manual, or contact Picote Technical Support.
- For hands-on training, Picote operates training centers in USA, UK, and Finland.
- More information on www.picotesolutions.com