

WehoPipe - Long-length pressure pipes

Intakes and Outfalls



WehoPipe (Sclairpipe in the Americas) is the classic solid wall pipe, used for pressure applications which KWH Pipe has been producing since 1955. Our large-diameter polyethylene pipework systems, developed over many decades provide economical solutions with the highest quality. Pipes delivered by truck are normally supplied in 12-18m lengths. However, for marine projects or projects in coastal areas, it is usually more cost-efficient to produce 500-600m long pipe strings.

Benefits of long-length WehoPipe for outfalls and intakes:

- Reduced installation costs
- Low transportation costs
- Time and cost savings for the contractor, as usually no land-based job-site or storage area is required
- Less risk for damages during handling, transport and storage
- Convenient installation using the S-bend sinking method

Product

WehoPipe solid wall polyethylene pipe (PE-HD)

Size Range

630 - 1,600 mm

Length

Up to 500 - 600 metres

Availability

Mainly coastal areas of Europe, but can be produced all over the world using Mobile Plants

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At KWH Pipe's specialized production plant in Southern Sweden, WehoPipe can be produced in continuous lengths up to 500-600 metres. From there KWH Pipe can make deliveries to the Baltic Sea region, the west coast of Europe, the entire Mediterranean region up to the coastal regions of North Africa. Pipes are normally towed to the installation site using a tugboat, but shorter pipes can also be delivered on board a vessel. In other areas of the world, long-length pipes can be produced on site or close to it using KWH Pipe's mobile production concept.

KWH Pipe's Project Services department has responsibility for both the long-length production facility and the Mobile Plants. In addition to the special production options, Project Services can offer complete projects including design, welding services, supervision, consulting and contracting for piping projects around the world.



Polyethylene pipe systems offer outstanding benefits:

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| Flexibility | <i>The flexibility of PE enables pipelines to absorb impact loads, vibrations and stress caused by soil or ground movement. Natural bending of pipes saves costly bends and gives better hydraulic flow.</i> |
| Low weight | <i>PE pipelines increase efficiency on jobsites and offer cost saving benefits in handling, storage and installation.</i> |
| Weldability | <i>Butt-fusion welding results in joints as strong as the pipe itself.</i> |
| Easy handling | <i>Installation equipment is lighter and less expensive to operate.</i> |
| Long term service | <i>Designed for a service life of at least 50 years. The life expectancy for PE pipes is over 100 years.</i> |
| Corrosion resistance | <i>Not affected by aggressive materials such as salt, acids or alkalines.</i> |
| Abrasion resistance | <i>Excellent abrasion resistance. Used by mining industry for pumping slurry etc.</i> |