



akatherm HDPE Soil & Waste System

Durability

akatherm HDPE soil & waste systems are made from polyethylene, a durable material with a very long lifetime.

Security and flexibility

akatherm HDPE soil & waste systems can be poured into concrete, embedded in the ground or hung from the ceiling and still sustain and perform.

Low cost of ownership

Easy prefabrication and installation with secure joints all work together to keep the total cost of ownership at a minimum.

Decisive advantages of Akatherm HDPE

High Density Polyethylene is an exceptionally flexible and tough material, highly resistant to mechanical stress and impact even at low temperatures.

akatherm HDPE has a complete product range consisting of pipes and fittings from 40 mm to 315 mm. It includes a wide range of branches, bends, traps, sanitary and connection fittings.

HDPE is a light weight system with simple and secure jointing techniques like electrofusion. It is a fully closed system with homogenous joints. Cost saving prefabrication is possible even in large sizes.

Jointing technology



Mechanical joints

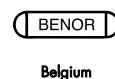
- Plug-in joint
- Snap joint
- Screw-thread joint
- Flanged joint
- Contraction sleeve
- Sleeve coupling
- Metal coupling
- Rubber collar joint

Welded joints

- Butt-weld joint
- Electrofusion joint

Quality and certification

Complies with the EN 1519 and EN 12666 standards



Austria

France

Finland



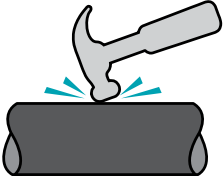
ISO 9001
Quality
management system



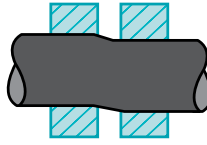
ISO 14001
Environmental
management system



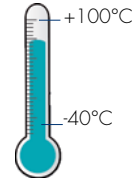
+ Material advantages



Impact-resistant and tough:
Unbreakable at temperatures above 5°C



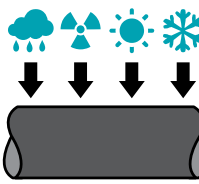
Elastic and flexible:
Adjusts to local ground movement for underground use



Thermal resistant: Applications possible between -40°C and 100°C



Chemical resistant:
Suitable for transport of polluted waste water



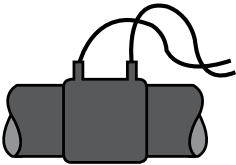
UV & weather resistant: Unrestricted outside use through carbon black additives

50 years



Wear resistant:
Lower cost due to long lifetime

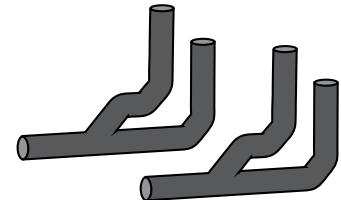
+ System advantages



Welded system:
Simple and secure installation using butt-welding and electrofusion



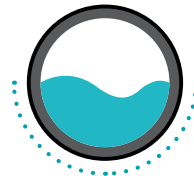
Homogeneous welded joints: Pull tight and leak proof for a completely closed system



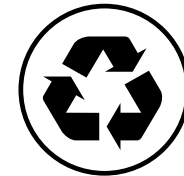
Prefabrication:
Fast and cost-saving installation of repetitive systems



Light in weight:
Cost saving in transport and handling



Low heat conductivity:
No condensation insulation required during short periods of cooling



Non-toxic:
100% recyclable and environmental friendly

Contact us gulf@alixaxis.com

Aliaxis Gulf | T: +971 (0) 4 3629423 | F: +971 (0) 4 4587599
P.O Box 488100 Dubai, UAE | Indigo Tower Office 702
Cluster D, JLT