

ALPHALINER 500G ALPHALINER 1800H

Trenchless rehabilitation of gravity pipes



UV RELINING AS EASY AS IT CAN BE

Every gravity pipeline has its own unique challenges. That's why flexibility is required for rehabilitation projects. The Alphaliner 500G and Alphaliner 1800H from RELINE form a strong duo for a wide range of UV relining projects, covering diameters from DN 150 to 2000. No matter which sustainable rehabilitation is needed – you can always rely on the GRP Alphaliners.

ALPHALINER 500G

ALPHALINER 1800H

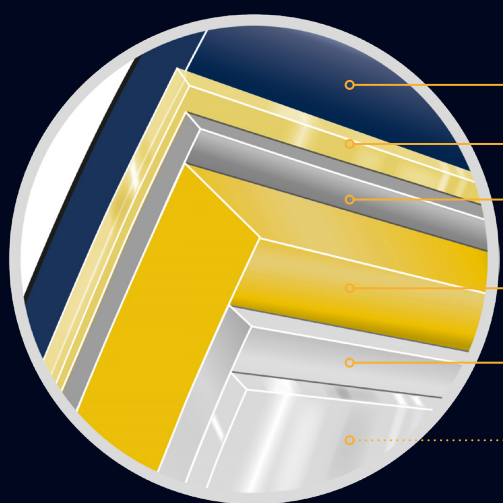


QUALITY

The Alphaliner 500G is ideal for quick, sustainable and efficient installation in small to medium pipe diameters. The Alphaliner 1800H is designed for maximum structural strength, enabling economical and CO₂-saving rehabilitation especially of large-diameter pipelines up to DN 2000. Thanks to their flexible application possibilities, even special projects and non-standard profiles can be successfully implemented.

HIGHLIGHTS

- Designed for permanent structural loads
- Most sustainable and eco-friendly trenchless rehabilitation system
- High chemical and mechanical resistance for a long life cycle, thanks to a defined wear layer
- Continuous endless production into a seamless, factory-impregnated GRP liner
- Homogeneous and consistent wall thickness
- Minimal space and time requirements during installation and curing



FIVE STRONG LAYERS

UV light-proof, fabric-reinforced PVC outer protection

Multi-layer polymer film with styrene barrier and UV light protection

Fleece-laminated film

Impregnated and reinforced ECR glass fiber complex for absorbing static and dynamic loads

Resilient wear layer

Multi-layer inner film as a temporary installation aid*

* is removed after curing

TECHNICAL DATA

	ALPHALINER 500G	ALPHALINER 1800H
Application – Local Authorities (UP Resin)	✓	✓
Application – Industry (VE Resin)	✓	✓
Diameter (DN)	150 – 1200	600 – 2000
Wall thickness (mm)	3 – 20.5	3 – 30
Protective Layer (according to DWA-A 143-3 and DIN EN ISO 11296-4)	0.3 mm	0.5 mm
Lengths	Up to 600 m	
Fields of application		
Host Pipe	Concrete, vitrified clay and other materials on request	
Medium	Wastewater and greywater, as well as industrial and agricultural media	
Profiles	Circular, egg-shaped, box-shaped and custom profiles	
Storage Stability	Up to 6 months	
Certified by among others	DIBt, CSTB, WRc, QUIK DIBt, CSTB, WRc, QUIK	

INNOVATIVE SOLUTIONS FOR SUSTAINABLE WATER NETWORKS

As a global leader in trenchless sewer and pressure pipeline rehabilitation, RELINE not only provides cutting-edge technology for the most challenging requirements, we also offer valuable planning assistance as well as the environmentally friendly execution of your rehabilitation works: A perfect combination that effectively supports the management of resources, time and budget restraints, while simultaneously delivering high-quality solutions which impress through their quality, flexibility and sustainability.

RelineEurope GmbH
Große Ahlmühle 31
76865 Rohrbach | Germany

Tel.: +49 6349 93934-0
info@relineeurope.com
www.relineeurope.com