PRO_LINER®

ANHUI PRO-LINER PIPELINE REPAIR TECHNOLOGY CO., LTD.

FOUNDED IN 2015, ANHUI PRO-LINER PIPELINE REPAIR TECHNOLOGY CO.,LTD. IS A NATIONAL SPECIALIZED, SOPHISTICATED, DISTINCTIVE, AND INNOVATIVE "LITTLE GIANT" ENTERPRISE AS WELL AS A HIGH-TECH ENTERPRISE. FOCUSED ON THE R&D, PRODUCTION AND SALES OF UV-CIPP (ULTRAVIOLET CURED-IN-PLACE PIPE) LINERS AND UV CURING SYSTEMS, WE ARE ONE OF THE FIRST ENTERPRISES TO ACHIEVE INDUSTRIAL MASS PRODUCTION OF UV-CIPP LINERS IN CHINA. MEANWHILE, WE HAVE OBTAINED ISO INTERNATIONAL STANDARD CERTIFICATION, CE CERTIFICATION, TÜVRHEINLAND® AND WRC APPROVED® CERTIFICATION, WHICH NOT ONLY VALIDATE THE STANDARDIZATION OF OUR PRODUCTION AND MANAGEMENT SYSTEMS, BUT ALSO CONFIRM THAT OUR PRODUCTS MEET THE CORE QUALITY AND COMPLIANCE REQUIREMENTS OF THE INTERNATIONAL MARKET, PROVIDING RELIABLE PRODUCT QUALITY ASSURANCE TO CUSTOMERS WORLDWIDE.

UV-CIPP Liner for Sewage Pipe

PRODUCT INTRODUCTION

UV CIPP (Cured-In-Place Pipe) is a state-of-the-art trenchless rehabilitation technology for in-service pipes. A flexible liner is installed into the existing pipe and cured via ultraviolet radiation, forming a robust, long-lasting new pipe structure within the original pipe. Renowned for its high efficiency, minimal on-site disruption and low environmental footprint, UV CIPP stands as a premier solution for the maintenance and restoration of aging municipal and industrial pipe infrastructure.

As a leading manufacturer of UV-CIPP (Cured-In-Place-Pipe) liners, Pro-liner specializes in trenchless pipe rehabilitation via UV-curing technology.Our R&D and production of UV-CIPP liner systems leverage high-tech processes, and we craft solutions that blend efficiency, long-lasting durability, uncompromising safety and environmental sustainability.


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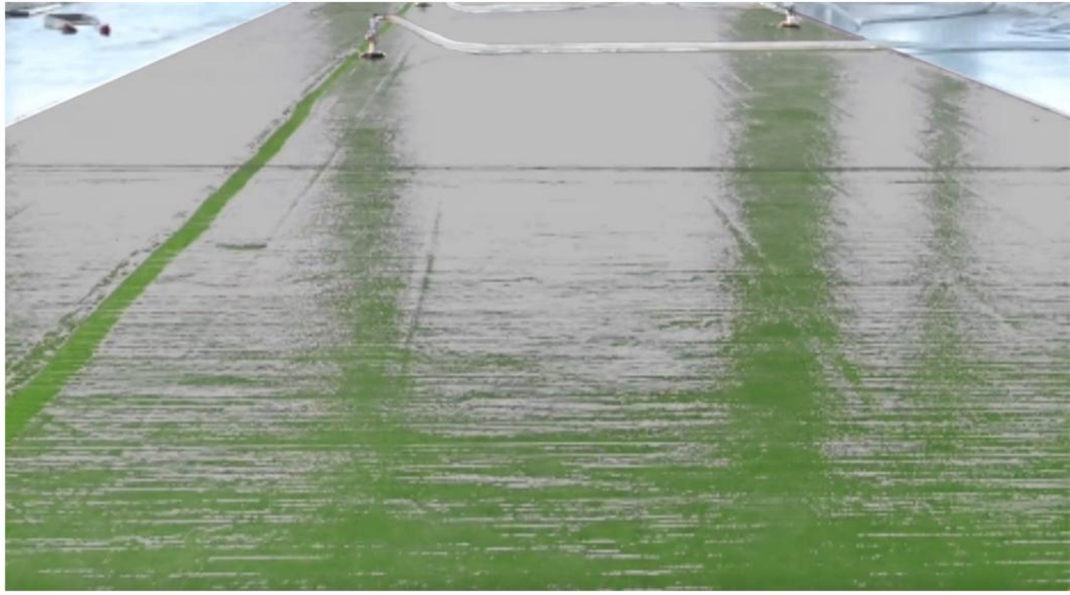
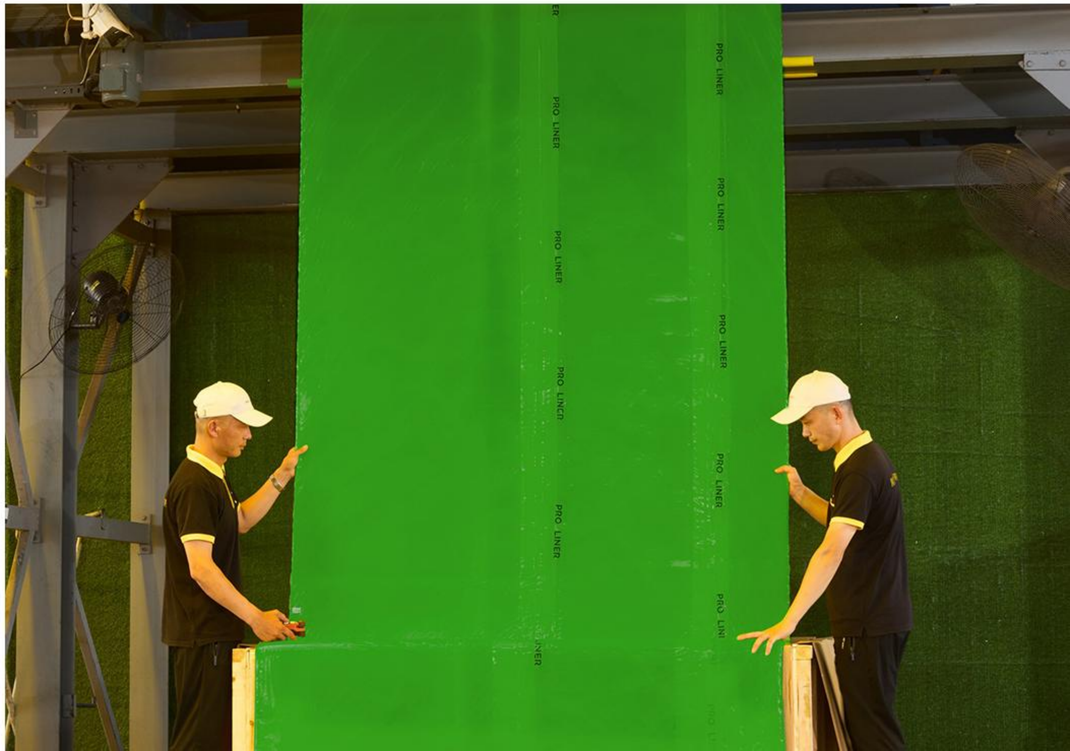



PRO LINER

Innovating underground rehabilitation—without a single dig.

The core materials of our UV-CIPP liners are isophthalic neopentyl glycol unsaturated polyester resin and ECR fiberglass fabric. Precisely manufactured from high-performance reinforced plastic composite materials, our liners boast exceptional mechanical and structural strength that surpasses traditional lining materials. They are universally compatible with all standard pipes ranging from DN150 to DN2400, making them a better solution for pipe rehabilitation. Meanwhile, we provide customized solutions for non-standard pipes in engineering projects, covering round, rectangular, egg-shaped, culvert, transition and other special specifications.

Transition Liner | Waterproof | High E-Modulus | Corrosion Resistant | Extra-Wall Thickness | With Permanent Inner foil | Styrene-Free

Core Advantages

15,500 MPa

Short-term E-Modulus≥15,500MPa (Max 28,000MPa)

150-2400 mm

Max DN2400

100 YEARS

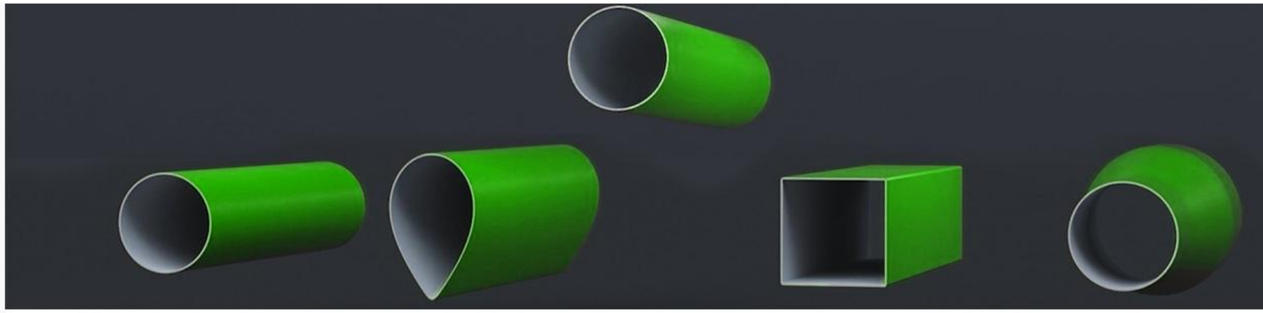
Life time, meet Germany standard

450 MPa

Flexural strength>450MPa

10,000 h

Passed 10,000-hour test



Technical Specifications

Technical data		
E-modulus	Flexural Strength	Tensile Strength
≥15,500 Mpa	≥450MPa	≥180MPa

Composition

01. Outer film (UV protection film)

Isolate ultraviolet rays from sunlight to prevent material curing.

02. External Fleece Layer

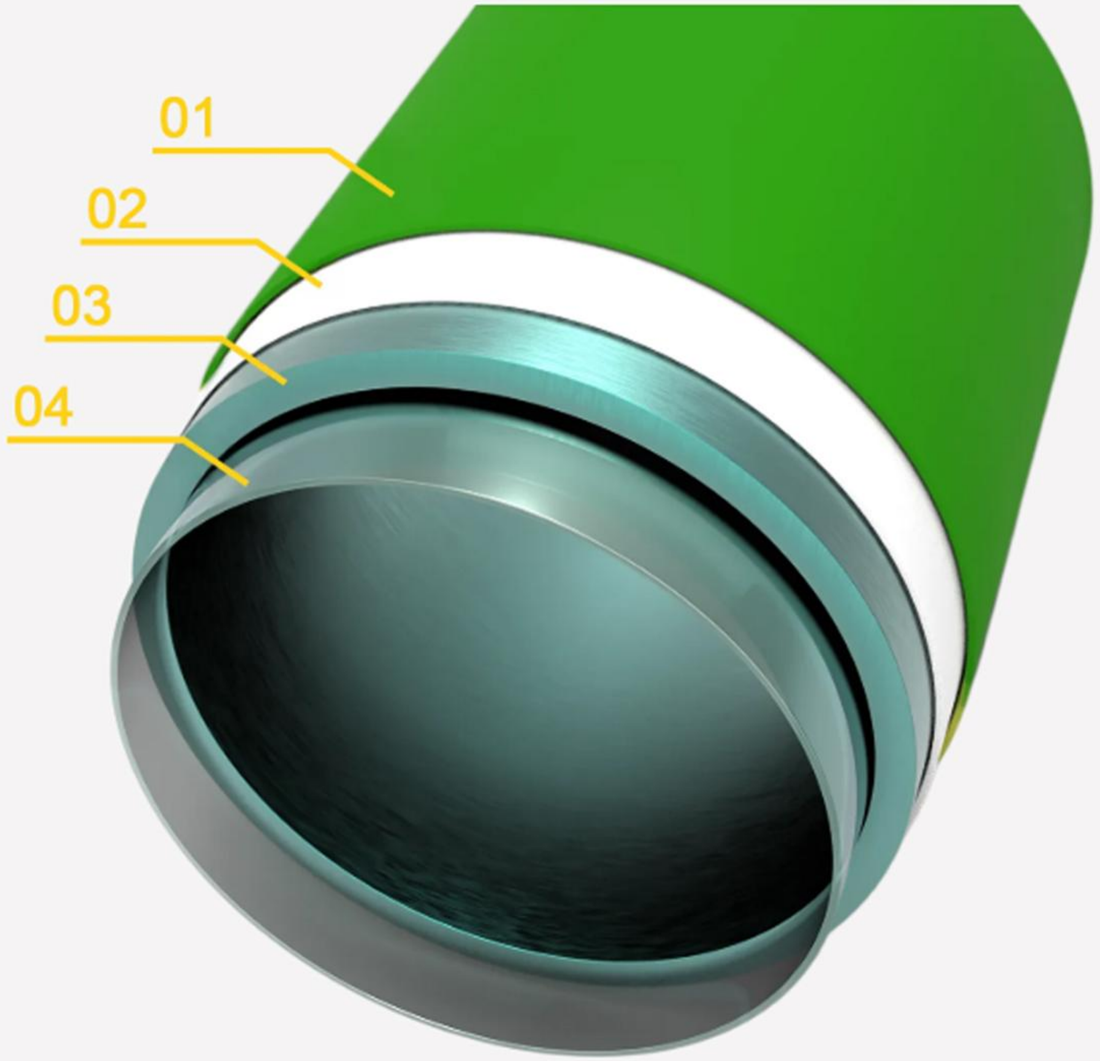
Prevent groundwater infiltration and protects the fiberglass layer.

03. Glass fiber impregnated with resin

The liner's primary structural layer delivers robust acid and alkali corrosion resistance, and yields exceptional strength and toughness upon curing.

04. Inner foil

It is in direct contact with the fluid and features excellent light transmittance, facilitating the penetration of ultraviolet light.

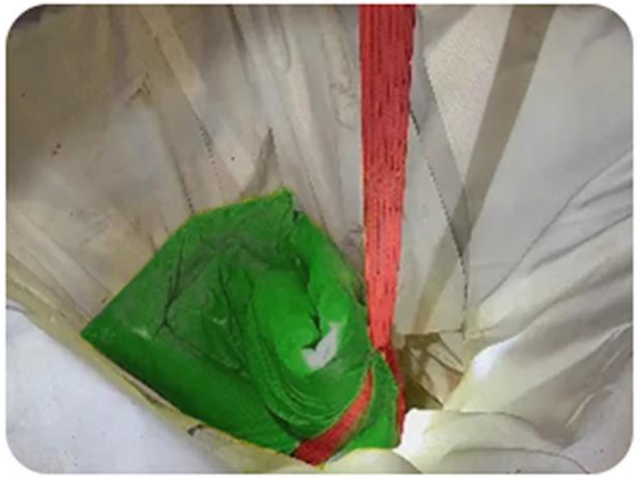


Application

• Municipal sewage and rainwater pipeline rehabilitation

• Industrial wastewater pipeline renovation

• Pressure pipeline repair for chemical media

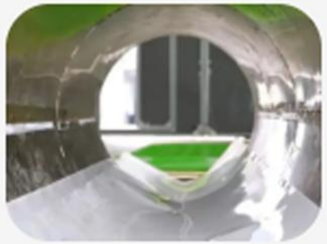


• Emergency pipeline repair projects requiring minimal downtime

UV-CIPP （Cured In-Place Pipe） liner Rehabilitation Construction Process

Glide foil installation

Install the pulley, lay the glide foil.



Liner Pulling and packer installation

Pull in the liner, and tie the packer.

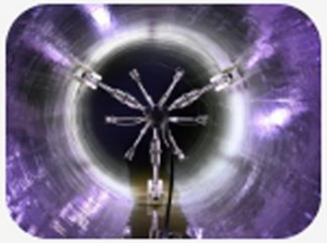
Entry of UV light train

Inflate and pressurize, lower the light train.

UV-CIPP （Cured In-Place Pipe） liner Rehabilitation Construction Process

UV Light Curing Control

Inflate, turn on the light to cure.



Treatment of Pipe end

Cut the packer, and grind the pipe and liner end flat.

CCTV Inspection

Recheck the pipe, and clean up the site.

Transport, Packaging and Service

Pro-liner UV-CIPP liners are meticulously packed and shipped in custom-engineered transport boxes, which are specially designed to deliver enhanced physical protection, effectively shielding the liners from extrusion, impact, moisture and other potential damages during long-distance international transportation, and ensuring that the products reach you in intact, factory-fresh condition.

Beyond reliable packaging and delivery, we also offer comprehensive, one-stop logistics support tailored to your needs: our professional team stands by to provide full assistance with all procedures related to customs clearance and import formalities for your destination country, including document preparation, regulatory compliance confirmation, and real-time follow-up on clearance progress. We strive to streamline the entire import process, eliminate potential logistics hurdles, and ensure a smooth, hassle-free delivery of your UV-CIPP liner orders from our factory to your site.

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