

**UNDERGROUND SOLUTIONS
YOU CAN RELY ON,
BRANDS YOU CAN TRUST**

**PERMA-LINER™
INDUSTRIES, LLC.**

PERMA-MAIN™

CONTINUOUS LINING TOP GUN

Perma-Main™ Top Gun™ Cured-In-Place-Pipe (CIPP) Manhole to Manhole Inversion Rehabilitation System. The Perma-Main™ Top Gun™ lining system is designed for 8" - 24" Diameter Pipelines. The materials are air inverted through existing manholes and steam cured in as little as 1 ½ hours. The Perma-Main™ Top Gun materials can be installed safely, fast, and efficient. Installations average 300FT to 600FT in length. Transitions from 6" - 8" can be accomplished in a single installation. Materials are delivered pre-wet out, ready for installation. Installation equipment is compact and user friendly.



AIR TO INVERT

The Perma-Main™ Air Inversion Liner System allows for the liner to continuously invert through the existing pipeline using low air pressure.

STEAM TO CURE

Our compact 750,000 BTU Dry Steam Generators allows the liner to harden without the use of large boiler trucks, in half the time!



Covered by US Patent Nos. 8,240,341 and 8,240,340. Other Patents Pending.

 866.336.2568 |  info@perma-liner.com |  perma-liner.com

F-10



Diameter
Pipe:
8" - 10"

F-18



Diameter
Pipe:
8" - 18"

F-24



Diameter
Pipe:
8" - 24"

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PERMA-MAIN™ BENEFITS



- Formulated resin allows for longer pot life
- Compact equipment equals less space required
- Air inversion, no water or large boiler inversion trucks
- Steam cure, half the time of hot water cure systems
- Pre-impregnated liner delivered project specific

ELIMINATE EXPENSIVE GROUTING EQUIPMENT FOR SEALING YOUR CIPP LINERS



CUSTOM BUILDOUTS

The Perma-Liner™ custom turn-key trailers are built-out to contain everything you need, making this your shop on wheels.



CUSTOM TRAILER WRAPS

A "rolling billboard" is one of the most cost-effective tools to market your business.

360 DEGREE SWELLING GASKET

Seamless molded seal with no joints or weak points preventing any damage or inefficient sealing of the annular space between the liner and the host pipe.

SIGNIFICANT SURFACE AREA

The gasket allows for more swelling than less precise methods of sealing such as hydrophilic tape. The End Seal is able to absorb more water and seal the annular space efficiently because of its larger surface area.

RETAINING RINGS

This ring holds the end seal in place and ensures no movement is allowed during CIPP rehabilitation.

COMPATIBLE WITH MULTIPLE TYPES OF CIPP LINERS

Versatile hydrophilic sealing system compatible with all types of CIPP liners including inversion and pull in place liners. The End Seal Sleeve will swell in the presence of water regardless of the type of host pipe.