

# TRENCHLESS PIPE LINING

## AT A GLANCE

Cured-in-place pipe (CIPP) is a jointless, seamless, non-invasive pipe-within-a-pipe used to repair existing pipelines without disturbing the surrounding area.

## COMPATIBILITY

Steel Pipelines  
Cast Iron Pipelines  
Clay Pipelines  
Asbestos Cement Pipelines  
Threaded Steel Pipelines  
Sewer Lines  
Drain Lines

## WHAT IS PIPE LINING? ▼

Trenchless pipe lining, also known as cured-in-place pipe (CIPP) lining, is an advanced and non-invasive method used to repair damaged or deteriorating pipes without the need for extensive excavation. It involves inserting a flexible liner coated with resin into the existing pipe and curing it to create a new, seamless inner layer. This process effectively restores the structural integrity of the pipe, enhances its durability, and eliminates common issues such as leaks, cracks, or root intrusion. Trenchless pipe lining is a cost-effective, time-efficient, and environmentally friendly solution that minimizes disruption to properties while providing long-lasting results for various plumbing applications.



Image Source: US Trenchless General Engineering & Plumbing

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<http://>



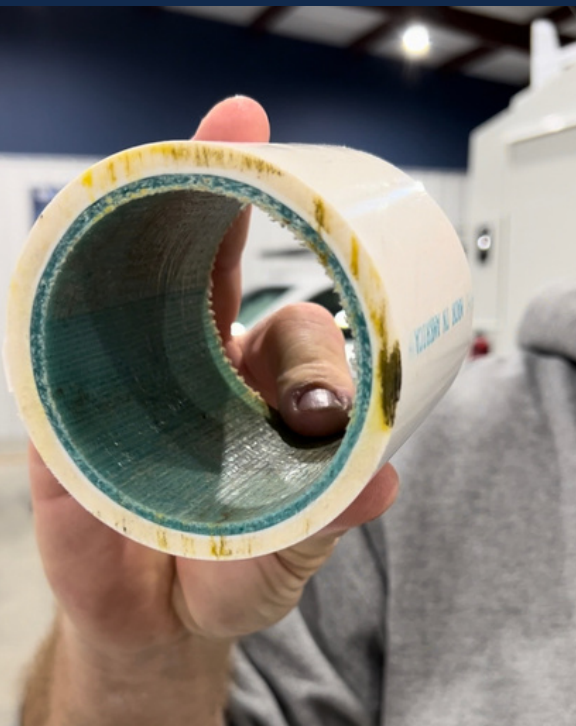
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## PROPERTY TYPES

Residential  
Commercial  
Multi-Family  
Industrial

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## THE PROCESS



1

### CAMERA INSPECTION

The pipeline is inspected with a camera to find the location and nature of the problem.

2

### CLEAN THE PIPELINE

The pipeline is cleared of roots, dirt, debris and any other objects that would prevent a seamless liner installation.

3

### MEASURE THE PIPELINE

Measurements of the diameter, length and depth are taken to cut the liner and calibration tube to the correct size.

4

### MIX + MEASURE RESIN

A custom resin mixture is created based on the measurements obtained in Step 3.

5

### POUR INTO LINER

The resin is then poured into the liner and rolled many times to ensure complete "impregnation" of resin to liner.

6

### LOAD INTO INVERTER + EXISTING LINE

The liner is loaded into the inverter and then inserted into the existing pipeline using hoses and inversion heads.

7

### INVERT THE LINER WITH AIR PRESSURE

Air pressure inverts the liner inside out, allowing the resin to bond and seal with the existing host pipe. The inflated calibration tube keeps the liner in place as it cures.

8

### READY FOR ACTION

After curing for 4-8 hours, the calibration tube is removed and the newly lined pipe-within-a-pipe is ready for service.

## CONTACT US



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