

# Frequently Asked Questions **nu**·**drain**

<https://www.nuflow.com/how-nuflow-works/nudrain/>

## How can I tell if there's a problem with my plumbing?

Common indicators of failing drain lines are cracks in the visible pipes, leaks, water stains, mold, slow drains and backups.

## What types of pipe systems can you line?

We have the technology to line the following mechanical pipe systems: vertical sanitary stacks, horizontal sewer lines, mains, roof drain systems, processed piping, conduit lines, fuel lines and chemical lines with diameters 3/4" to 12" and bigger in some specialty applications.

## How long have you been doing this?

Nu Flow's structural liner and unique pull-in-place process was developed in the 1990s and has been used on thousands of skyscrapers, commercial buildings, multi-unit residential complexes, houses, federal structures, churches, schools and other buildings.

## Why should I line my pipes instead of re-piping them?

A re-pipe is a traditional means of repair where a plumber will remove the failing pipe and replace it with a new pipe. This repair method has many disadvantages, which include the creation of a messy construction site, high time consumption, the destruction of finished floors, walls, ceilings and other structures, the nonoperational status of the pipe system and the fact that the new pipe is doomed for the same failures as the old pipe.

Nu Flow's in-place pipe lining solutions are non-destructive, eco-friendly, non-invasive, cost-effective and can be installed in a fraction of the time. Nu Flow's patented processes utilize pull-in-place technology and blown-in technology that only require pipe access points (clean outs that should already exist for maintenance). The epoxy liner is pulled into place and then left to cure, so there is no damage or disruption to the building, tenants or residents.

## What is the lifespan of your liner?

Test results show that our Nu Drain epoxy's life expectancy to be more than 50 years.

## How much access is needed to rehabilitate a pipe line?

The access points, cleanouts and manholes we utilize are already present.

## How many hours does the epoxy take to cure?

It takes less than a day for the different epoxies to cure, depending on length and temperature of the pipe.

## How long does the water need to be off?

With some drain applications, the pipe systems don't even need to be turned off. If necessary, the pipe system can be worked on and nonfunctional during the least inconvenient hours for the building.

## Is your pipe lining safe?

Our epoxy meets or exceeds the physical properties set forth in ASTM standards for CIPP rehabilitation.

<https://www.nuflow.com/how-nuflow-works/nuline/>

## How can I tell if there's a problem with my plumbing?

Common indicators of failing potable and clean air lines are low flow, pinhole leaks, water stains, warm spots on your floor, mold and discolored water.

## What types of pipe systems can you line?

We have the technology to line the following pipe systems: hot and cold potable, potable risers, compressed air, HVAC fire suppression, mains, conduit lines, fuel lines and CHT systems in maritime vessels with diameters 1/2" to 12".

## How long have you been doing this?

Our epoxy for potable and clean air pipe systems was developed in the 1980s with American Pipe Lining (which merged with Nu Flow in 2007). This epoxy has been used on thousands of skyscrapers, commercial buildings, multi-unit residential complexes, houses, federal structures, churches, schools and other buildings.

## Why should I line my pipes instead of re-piping them?

A re-pipe is a traditional means of repair where a plumber will remove the failing pipe and replace it with a new pipe. This repair method has many disadvantages, which include the creation of a messy construction site, high time consumption, the destruction of finished floors, walls, ceilings and other structures, the nonoperational status of the pipe system and the fact that the new pipe is doomed for the same failures as the old pipe.

Nu Flow's in-place pipe lining solutions are non-destructive, eco-friendly, non-invasive, cost-effective and can be installed in a fraction of the time. Nu Flow's patented processes utilize pull-in-place technology and blown-in technology that only require pipe access points (clean outs that should already exist for maintenance). The epoxy liner is created by a stream of clean air then left to cure, so there is no damage or disruption to the building, tenants or residents.

## What is the lifespan of your liner?

Test results show that our Nu Line epoxy's life expectancy is around 100 years.

## How much access is needed to rehabilitate a pipe line?

It depends on the specific type of application, but we will need to utilize several existing access points to apply the compressed air to the pipe lines. These access points are angle stops and similar valves on your plumbing fixtures.

## How many hours does the epoxy take to cure?

It takes less than a day for the different epoxies to cure, depending on length and temperature of the pipe.

## How long does the water need to be off?

The potable, HVAC, fire suppression, etc. pipe systems would not be operational while our technicians cleaned and lined the pipe systems, but temporary water can be available while we work on potable systems. Once the epoxy cured, the pipe system would be operational. The length of this process depends on each specific situation, but averages 1 to 2 days

## Is your pipe lining safe?

Our epoxy is perfectly safe for drinking water lines. Our potable epoxy is UL certified to NSF standard 61, which means the materials within the epoxy passed, making it safe for drinking water system components.