

# Thread-Liner: The Pipeline Rehabilitation Solution

Sanitary Sewer Relining  
Industrial Pipe Relining  
Culvert Relining  
Dam Rehabilitation



For Sanitary, Industrial and Storm  
Sewer Rehabilitation and Repair.

**Thread Liner**

# Sanitary Sewer Relining • Industrial Sewer • Drainage Renewal • Culvert Relining • Dam Rehabilitation

## The Thread-Liner piping system – the solution

It's a fast install, it handles the job's requirements, and it fits your budget as easily as it fits into the available work space.

## No special training or equipment.

The Thread-Liner pipe lining system is unmatched in ease of installation. Since it typically weighs as little as 10% of concrete, ductile iron and clay pipes, it is much easier to handle. Maintenance departments can use their own crews - no special training or specialized equipment necessary.

## You don't have to wait on the backhoe.

Because of Thread-Liner's ease of installation and variable lengths, 95% of drainage and sewer pipe renewal can be off road. This means increased safety for both your workers and motorists. Traffic disturbance can be a thing of the past.

## Everything for the installer.

Standard Thread-Liner comes in a diameter range of 3" to 42", and the standard length of 30" (2.5 feet lay length). Additional diameters and custom lengths may be available upon request. Typically, it comes in 2- to 3-foot sections for manhole-to-manhole installation. These sections can be connected together, all with strong water-tight seals. These advantages also make Thread-Liner the preferred answer for pipe renewal.



***Thread-Liner***

Simple installation means light duty equipment, less manpower, minimal disturbance of right-of-way, and indefinite service life. When considering these benefits, it becomes clear that the Thread-Liner system is the most cost-effective way to rehabilitate deteriorating drainage piping systems. It may be the last solution you'll ever need.

The Thread-Liner joint and installation system allows replacement of failing systems without the need to remove existing pipe or excavation.



## Typical applications are:

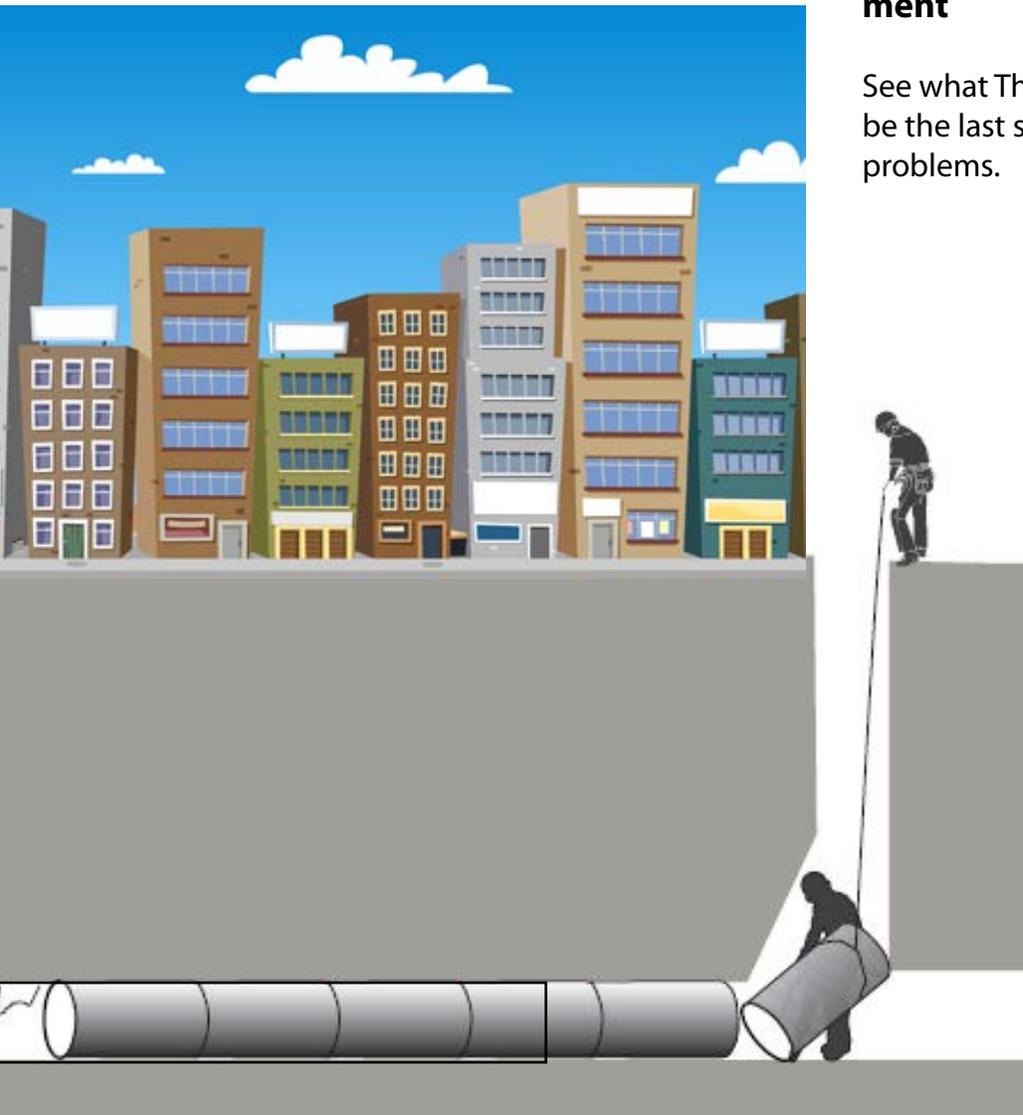
- Sanitary Sewer Relining
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- Dam Rehabilitation

- A new, leak-free, independent system which features a cost-effective installation, improved flow and dramatically longer life.
- High-density polyethylene has outstanding chemical and corrosion resistance. It also has high strength and flexibility.

- Save up to 50% compared to pipe replacement
- No interruption of services
- Little or no surface damage
- Maintain traffic flow
- Faster project completion
- Improved hydraulic capacity
- Sealed system prevents entry of ground water, roots and debris
- Long service life
- Reduced extraneous water allows treatment plants to operate efficiently
- Owners benefit from lowered volumes for waste treatment

## **An effective, economical system to help promote a cleaner, healthier environment**

See what Thread-Liner can do for you. It will be the last solution you'll ever need for piping problems.



*The Thread-Liner joint and installation system allows replacement of failing systems without the need to remove existing pipe or excavation.*

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A typical deteriorated sewer, the joints breaking apart and corroding.

## Thread-Liner is the installer's solution: no excavation, and the last solution you may ever need for drainage pipe rehabilitation.



1

Thread-Liner is manufactured in short lengths for easier installation.



2

Once the host pipe is cleaned out, a member of the crew descends the manhole.



3

Short lengths of pipe, lowered down the manhole one at a time.



4

A silicone gasket is applied to the next piece of pipe, ensuring a water-tight seal. The second piece is lowered into position and threaded together to the first piece using a strap-wrench. The joint automatically self seals.



5

An end protector plate is attached for hydraulically pushing or winching completed sections further into the sewer from manhole to manhole. This routine is carried out until the entire pipe insertion is finished.



6

After a bulkhead is built to seal the ends, the annular space between the two pipes is grouted.



7

This is a totally rehabbed Thread-Liner sewer. No digging or excavating necessary.

### The Benefits of Using the Thread-Liner Pipe Rehabilitation System:

Special threaded sections of polyethylene pipe are inserted into the old sewer, forming one continuous, leak-free liner. Once anchored and sealed by grouting, the new system is virtually maintenance-free.

- No excavation or costly restoration
- No traffic diversions
- No interruption to service
- Better flow and chemical resistance
- Eliminates infiltration and exfiltration problems

# Thread Liner

Make the connection! For more information visit [www.culvert-rehab.com](http://www.culvert-rehab.com) or call us at **1-800-CULVERT**

