

Chapter 10

Thread-Liner



Thread Liner

The Thread-Liner piping system

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 a 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.

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.



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Thread-Liner Applications

Thread-Liner is a new, leak-free, independent system that features 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. Compared to pipe replacement, one can save up to 50% with the following benefits:

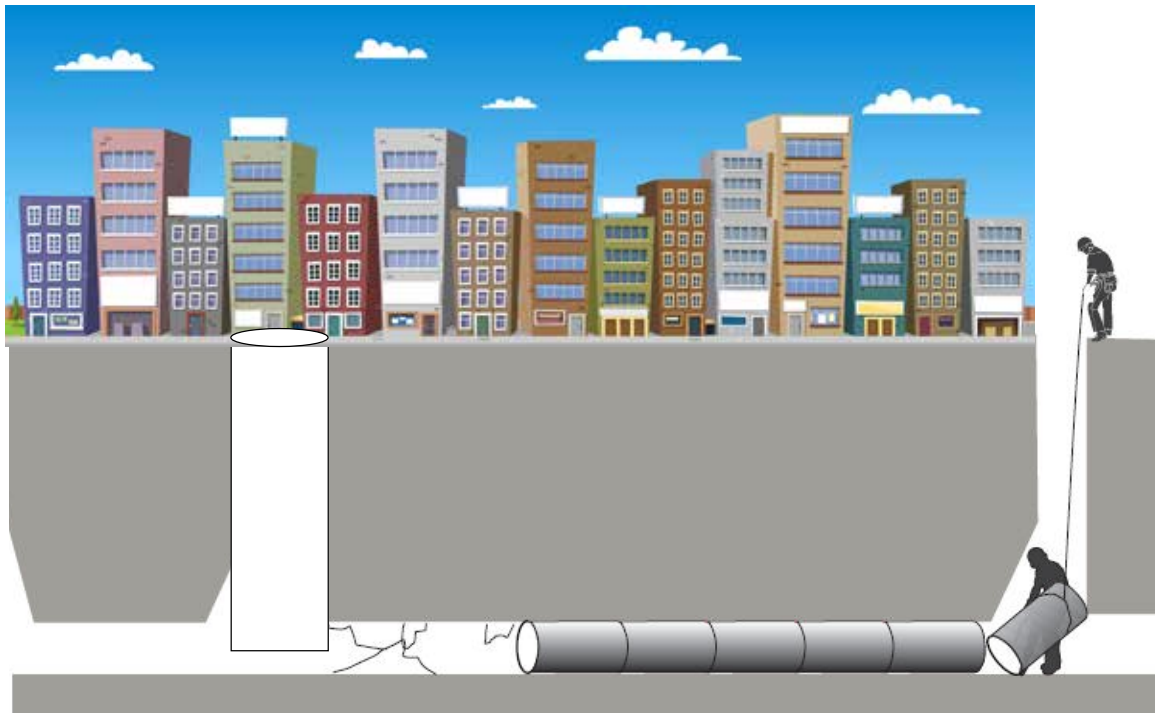
- No interruption of services
- Little or no surface damage
- Maintain traffic flow
- Faster project completion
- Improved hydraulic capacity
- The sealed system prevents entry of ground water, roots, and debris
- A long service life
- Reduced extraneous water allows treatment plants to operate efficiently and owners benefit from lowered volumes for waste treatment.

Typical applications for Thread-Liner are sanitary sewer relining, industrial sewer relining, culvert relining and dam rehabilitation.

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. There is no excavation or costly restoration, no traffic diversions, no interruption to service, better flow and chemical resistance and elimination of infiltration and exfiltration problems.



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