



Avoid A Water Crisis.



CuraFlo Spincast System™

P R O D U C T S

Large Pipe Restoration

The CuraFlo® Spincast System rehabilitates water, drain line and industrial process pipes ranging from 3” to 36” in diameter. Our system restores and protects pipes of all types and conditions by centrifugally casting 1 to 5+ millimeters of solvent-free, protective epoxy coating onto the interior surface of the pipe. Our process removes even the worst corrosion and tuberculation and protects against future corrosion and buildup without the cost and disruption of excavation and replacement. CuraFlo’s proprietary Spincast System has been used to line more than 360,000 feet of pipe throughout North America over the past 10 years.

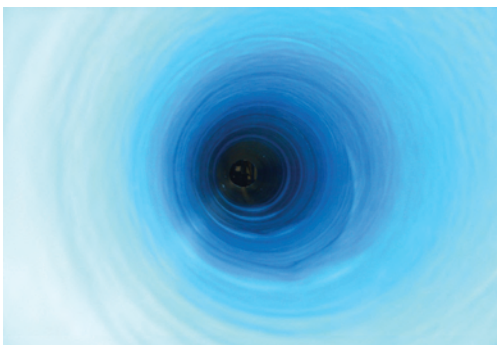
Restore Water Quality – Save Time and Money

The CuraFlo Spincast System offers significant advantages over traditional dig and replace, slip lining and cement mortar lining. Our proven in situ pipe rehabilitation technology restores deteriorated pipes in a fraction of the time and for significantly less cost and disruption than it takes to replace pipe.



TUBERCULATED PIPE

- Less excavating and disturbance of buildings and utilities
- No service connection digging
- No service connection plugging or blow back required, so no damage to lining or slugs left in the main
- pH is not affected
- Long length installations
- Potable water approved (certified to meet ANSI/NSF Standard 61)
- Structural enhancement capability



RESTORED PIPE

Corrosion and Brown Water Eliminated

- Restore water quality
- Improve flow characteristics
- Prevent future corrosion and leaks
- Correct many pipe defects

Spincast versus Traditional Solutions

Features	Spincast Epoxy Lining	Metallic Pipe Replacement
EFFECT ON WATER QUALITY	Nil	Temporarily improved
DURABILITY	Superior	Moderate
CORROSION PROTECTION	Superior	None
COST	30 - 40%	100%
INVASIVENESS	10% (2 access points)	100%
PREVENTS LEAKS	Yes	Temporarily
RETURN TO SERVICE	Min. 5 hours post lining	Immediate
PROJECT DURATION	30 - 40%	100%
TYPICAL THICKNESS	40 mils (more if needed)	N/A
FLUSHING & DISINFECTION REQUIREMENTS	Same day	Same day
CONNECTION BLOW BACK REQUIREMENTS	No	No

Spincast Installation Process

Step 1: Access the Pipe

Access points are made at fittings (valves, tees, fires hydrants, bends etc.) in conformance with all local, state and OSHA safety requirements.

Step 2: Isolate the Pipe

The piping system is isolated by closing the appropriate isolating valves within the system to shut off water to the designated pipe.

Step 3: Clean the Pipe

Pipe sections or fittings are removed from each access point. The internal surface is then cleaned using one of several cleaning methods.

Step 4: Pre-Lining Inspection

Closed-circuit television is used to inspect the pipes, checking for cleanliness and identifying any potential problems.

Step 5: Spincast Lining

A specialized rig pulls a plural-component hose through the pipe while centrifugally applying the epoxy coating.

Step 6: Post-Lining Inspection

Following the required cure time for the epoxy lining the pipe is again inspected using a CCTV system.

Step 7: Disinfect Pipe

After the lining has been inspected, the pipe can be disinfected and flushed.

Step 8: Return to Service

Pipe are reconnected and water service is returned.



The Spincast System uses centrifugal force to robotically apply epoxy to up to 700 ft. of pipe at one time.