



CURED-IN-PLACE PIPE (CIPP) SOLUTIONS: GRAVITY PIPE

CIPP RENEWAL SYSTEM GRAVITY PIPE

IPR is committed to providing the best trenchless solutions for infrastructure renewal. Cured-In-Place Pipe solutions are the most widely accepted form of trenchless pipe renewal.

Two CIPP Options:

Depending on your site conditions and project specifications, we offer two CIPP repair solutions for all types of pipe.

For standard installations, we recommend our **standard Isophthalic resin-based liner technology system**. For stricter requirements in harsher environments, we offer an **advanced epoxy-based lining system** featuring eco-friendly Dow® epoxy resins. With millions of feet installed worldwide, either system delivers a non-invasive and permanent solution that minimizes downtime and maximizes cost savings.

IPR Gravity Pipe CIPP Applications:

- ▶ Sanitary sewers
- ▶ Storm sewers
- ▶ Culverts
- ▶ All gravity flow waste pipes

Technical Envelope

Pipe Condition	Partially and fully deteriorated
Diameter	
Standard System	6 to 144 inches
Advanced System	6 to 36 inches
Pipe Materials	All types
pH	0.5 - 10.5
Operating Temperature	Up to 140°F. Higher temperature options available
Bends	Yes
Joint Deflection	Up to 10%
Diameter Variations	Up to 5%
Design Life	50+ years
Industry Standards	
Standard System	ASTM F1216, ASTM D790, ASTM D638
Advanced System	ASTM F1216, ASTM D5813
Resin System	
Standard Isophthalic-based	Unsaturated polyester resin
Advanced Epoxy-based	Styrene-free, HAP-free, VOC-free