



## A Trenchless Rehabilitation Solution

# SPR™ EX

**The SPR™ EX lining system is a unique process for restoring the hydraulic efficiency, reliability and integrity of aging sewers, storm drains and culverts.**

**How it works:**

The system consists of a single, manageable strip of PVC profile, which is progressively wound into the existing pipeline via a patented winding machine positioned in the base of an existing manhole or access chamber.

The edges of the profile are interlocked as the PVC profile is spirally wound to form a continuous watertight liner inside the host pipe. Once the PVC profile is installed, a patented process is used to radially expand it to fit tightly against the wall of the host pipe.

**Typical Applications:**

SPR EX liners can structurally rehabilitate brick, concrete, fiberglass, reinforced plastic or corrugated metal storm and sewer pipe in diameters ranging from 6" to 36".

**Installation Advantages:**

- Installation can typically be done in live flow without the need for bypassing
- Small construction footprint
- High daily production rates due to installation efficiencies
- Product produced at ISO 9001 facility

**Additional Benefits:**

- Environmentally friendly
- Typical increase in flow capacity
- IPR is a licensed installation partner of the SPR EX installation process
- IPR provides excellent product and technical support during the entire project
- Provides a minimum 50-year design life

**Additional Spiral Wound Lining Solutions:**

- Fixed diameter grouted lining solutions for 36" - 144" pipelines and larger
- Structural and non-structural grouts
- Variety of standard profiles with optional external steel reinforcement for a wide range of applications including circular and non-circular infrastructure, and tight radius bends

