

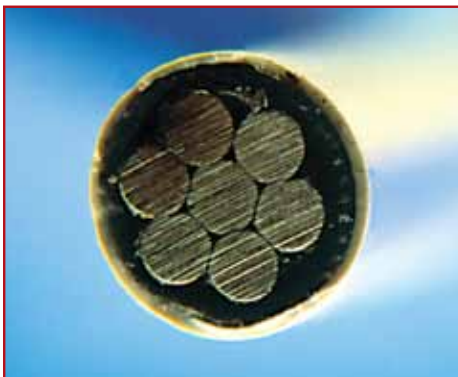
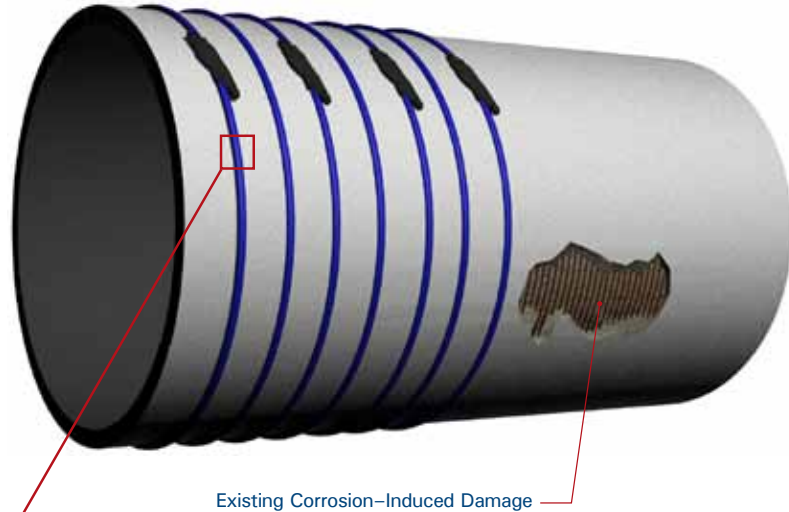
# StrongPIPE™ XPT

External Post-Tensioning Systems

**structural**  
TECHNOLOGIES

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Close up view of post-tensioning tendon

Existing Corrosion-Induced Damage

**StrongPIPE** is a structural strengthening system for restoration of damaged/weakened pressure pipe and the upgrade of undamaged pipe. **StrongPIPE-XPT** utilizes externally placed post-tension strands around the exterior circumference of an existing pipe.

## FEATURES

- Standard production is for pipe with internal diameter 48" (1219 mm) and larger. For diameters below 48" (1219 mm), please contact STRUCTURAL TECHNOLOGIES.
- Particularly well-suited for Prestressed Concrete Cylinder Pipe (PCCP)
- Potable water approved
- No access to the pipe's interior required
- Corrosion resistant encapsulated strand and anchorage improves durability and provides long operational life
- Fast placement
- Variable structural capacity, depending on location in pipe
- Fits straight and curved pipe sections
- Withstands design pressure

## FUNCTIONS

- Restores full functional capacity of pipe under pressure
- Can be used to upgrade/increase the structural capacity of an existing pipe (undamaged) allowing increased pressure and commensurate fluid flow rate
- Maintains water tightness of pipe under changing conditions of original pipe
- Increases hoop strength

## BENEFITS

- Work performed while pipeline remains in service
- Excellent for localized repairs
- Minimal downtime and impact to operations
- All access to pipe from outside of pipe
- When performed in conjunction with pipe excavation, repairs of damaged concrete is accomplished simultaneously