

# SPR™EX

SPIRAL WOUND  
PIPE LINER

Structural, Light Weight, Tight Fit Liner for Gravity Pipelines from 6" - 42"

6" - 42" • TIGHT FIT LINING • FULLY STRUCTURAL

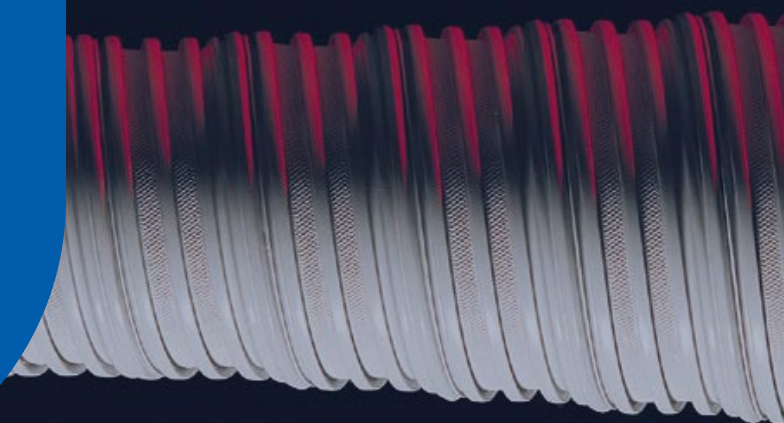


**SEKISUI**  **SPR**  
Leading-Edge Trenchless Solutions

 **FUSO**  
FUSO America Corporation

# Spiral Wound

## Technology Overview



**Gravity**  
Pipe Renewal

**Live Flow**  
Installations

**Zero**  
Chemicals

Spiral Wound pipe liners are a structural rehabilitation solution for gravity pipe applications from 6" - 200"+. Utilizing machinery, a continuous strip of PVC is constructed as a uniform liner. Spiral Wound lining is 100% trenchless; only existing access points are used for rehabilitation.



SEWER



STORM DRAIN



CULVERT

## Spiral Wound

## Lining Methods

SPR™EX

6" - 42"  
No Grout

SPR™TF/RO

40" - 60"  
No Grout

SPR™

32" - 200"+  
Round/Non-Round



# SPR™EX

## Technology Overview

**6" - 42"**  
Diameters

**Tight Fit**  
Lining

**Fully**  
Structural

SPR™EX is a tight fit lining solution that does not require annular space grouting. SPR™EX is initially wound at a fixed diameter smaller than the host pipe. The liner is held together at the smaller diameter by the secondary lock, which is later severed during the expansion process.

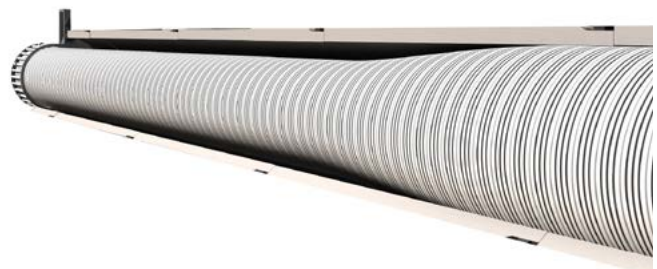
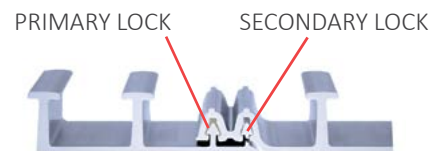
**SPR™EX is an entirely mechanical process that does not require curing or chemicals.**



## Expansion

Once the SPR™EX liner reaches the upstream manhole, the liner is torsionally restrained. Once secured, the operator will then expand the liner. The expansion process begins when the wire positioned between the primary and secondary (or sacrificial lock) is retracted, severing the secondary lock. This allows for successive wraps of PVC profile to expand, creating a customized tight fit liner against the inside of the host pipe.

## Process





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