

SPR™EX

SPIRAL WOUND
PIPE LINER

Structural, Light Weight, Close Fit Liner for Gravity Pipelines from 150 mm - 1050 mm

150 MM - 1050 MM



CLOSE FIT LINING

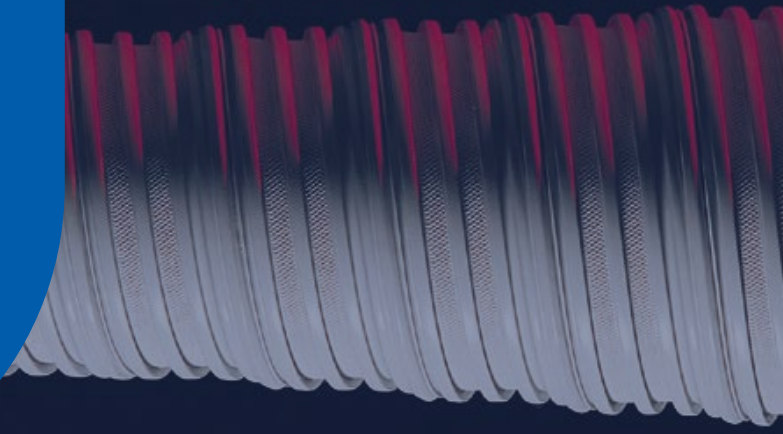


FULLY STRUCTURAL



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Spiral Wound Technology Overview

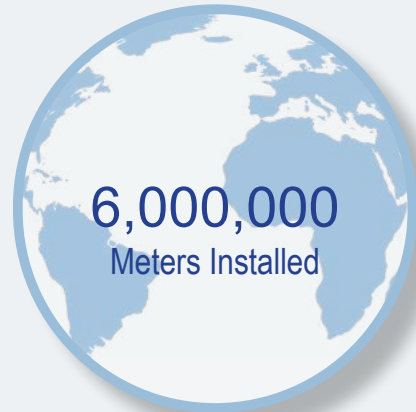


Gravity
Pipe Renewal

Live Flow
Installations

Zero
Chemicals

Spiral Wound pipe liners are a structural rehabilitation solution for gravity pipe applications from 150 mm - 5500 mm. Utilizing machinery, a continuous strip of PVC/HDPE is constructed as a uniform liner. Spiral Wound lining is 100% trenchless; only existing access points are used for rehabilitation.



Spiral Wound

Lining Methods



SPR™EX

Technology Overview

150 mm - 1050 mm
Diameters

Close 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.

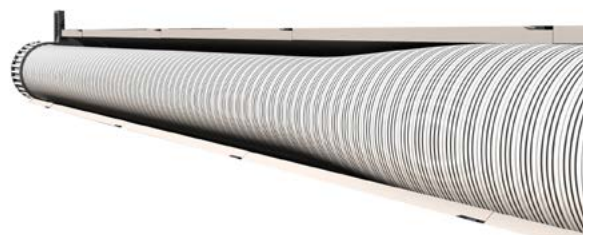
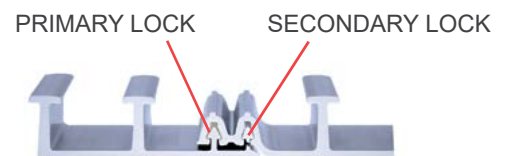
SPR™EX is an entirely mechanical process that does not require curing or chemicals.



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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