

# Performance Pipelining® , Inc. Liner® Installation Warranty

## SECTION I DESIGN PARAMETERS

The Performance Liner® itself shall be constructed out of a non-woven fabric tube of particular length and a thermoset resin with physical and chemical properties appropriate for the application. The tube will consist of one or more layers of flexible needled felt, or an equivalent non-woven material. Where the tube is fabricated from non-woven felt, the longitudinal and circumferential joints shall be joined by a seal bonding technique. The tube will be capable of conforming to bends, offset joints, bells, and disfigured pipe sections. The resin will be polyester or vinylester with the proper catalysts as designed for the specific application. The composite of the materials above will, upon installation inside the host pipe, exceed the minimum test standards specified by ASTM F 1216-93. (Standard practice for the Installation of Cured In Place Pipe by Inversion Lining, and AWWA C-950).

FLEXURAL STRENGTH (ASTM D-790)	4,500 PSI
FLEXURAL MODULUS (ASTM D-790)	250,000 PSI

## SECTION II LENGTH & CLAIM OF WARRANTY

- PPI® warrants the installation of and the product itself to be free from defects in materials and workmanship for ten years starting from the date of installation by PPI®.
- PPI® declares that we will follow all guidelines and procedures as set forth by the manufacturer (LMK Enterprises, Inc.) in the Installation Specifications for each process.
- If the product is deemed defective within the terms of this warranty, PPI® will repair or replace the defective product, at our option and at no cost to the owner.
- The owner is obligated to report a suspected defect at the time of discovery or the first possible opportunity thereafter so as not to allow any further damage that might possibly result from a failure.
- PPI® will perform an inspection of the cured liner to ensure that no defects are evident. If inspection shows defective material or workmanship, PPI® will repair or replace (at PPI®'s option) the liner without any additional charges to the client.

If you believe you have a defective product and want to make a claim under this warranty, call our office at once. Please have the original proposal number for the project and the date of installation ready.

You can contact us through our help line at: 1-815-433-0080

## SECTION III VOIDANCE OF WARRANTY

This warranty does not extend to:

1. Any deviation of use for the liner other than that for which the host pipe was originally intended (i.e. Chemical exposure and/or unauthorized effluents).
2. Any liner whose basic structure has been altered: PPI® will not accept any financial responsibility for expenses incurred nor will we warrant any of our work or our materials that have been altered without our express written consent or from anyone other than an authorized representative of PPI®.
3. Damage caused by any root cutting devices that may pass through our liner while maintaining other areas of the pipe segment.
4. Any internal pipe equipment such as bucket machines and/or tap cutters that may pass through the liner.
5. PPI® will not be responsible for any damage incurred that is beyond the control of PPI® for reasons such as but not limited to: earthquakes, natural disasters and acts of God.

---

Shaun M. Flanery, President  
Performance Pipelining, Inc.