

**Product Name:** 2mm Flex Liner (Lo-Pile)

**Product Description:** Liner used for horizontal pipe rehabilitation.

**Typical Applications:**

Material typical used in a line with 45° or 90° bends. Materials flexibility allows for ease of inversion as well as molding to the host pipe and leaving little to no void. Material to be used only in vertical applications. Steam installs not recommended.

**Performance Limits**

*\*\* If product is utilized outside the limits defined below, warranty coverage is voided \*\**

Characteristic	Spec	Comments
<b>General</b>		
Typical Dry Thickness (mm)	2.8 – 3.3	
Typical Finished Thickness (mm)	1.8 – 2.5	Depends on installation pressures, pipe diameter, and number of bends (45° & 90°)
Sizes Available (in.)	3, 4, 6	Custom sizes are available. Contact your local sales representative to determine product suitability for your application
<b>Resins</b>		
PLI Epoxy (2:1)	YES	Compatible with cold, warm, and hot variants of resin
PLI Epoxy (4:1)	YES	Compatible with cold variant of resin
PLI Vinyl Ester	NO	Not recommended – contact PLI representative for guidance
<b>Install Design</b>		
Maximum Depth of Install (ft)	0 ft for all sizes	Vertical installation only, not recommended underground. If install expected to exceed recommendation, product may still work however <b>requires PLI approval prior to installation.</b>
Can be used across Transitions?	NO	
Remote Start Allowed?	YES	Tab cal tube to liner using tabbing adhesive <b>HH-66</b> . Refer to training manual for correct tabbing procedure.
Install with Infiltration Allowed?	Situational	Thin material may not retain enough resin in high INI situations to form structurally sound liner. <b>Contact PLI representative to discuss specific application.</b>
Resin per FT	Varies by size, resin type	<b>Epoxy Resins:</b> 3” – .55 lbs/FT, 4” – .75 lbs/FT, 6” – 1.15 lbs/FT <b>Contact PLI representative for Poly Vinyl Ester values.</b>
<b>Installation</b>		
Wet Out Gap Setting	4.5 mm	When using the WRT Wet Out Roller System <b>**DO NOT USE FLOOR ROLLER FOR RISK OF RESIN SHY FINAL PRODUCT**</b>
Typical Inversion Pressures (psi)	2-10	Depends on installation pressures, pipe diameter, and number of bends (45° & 90°)
Maximum Inversion Pressure (psi)	13	Pressures exceeding this limit run the risk of tearing the liner or excessive “thinning” around bends
Max Curing Pressures (psi)	10	Pressures exceeding this limit run the risk of tearing the liner or excessive “thinning” around bends
Stretch Factor (at recommended inversion pressures)	5-6%	Highly dependent on inversion pressure, length of install, and pipe diameter. Stretch will be limited to about 5% if the inversion rate is well controlled (slow). The larger the diameter and the longer the run, the more the material will stretch with speed.
Maximum Heat Assist Temperature (°F)	Not Recommended	Steam curing can be done but not recommended. Large voids in the host pipe paired with elevated installation temperatures may cause a failure. <b>Contact PLI representative to discuss specific application.</b>

Please contact your representative at 1-866-336-2568 if you have any questions.

