

Product Name: 3"-4" Transition Flex Liner 2mm

Product Description: 3"-4" Transition Flex Liner 2mm 150'

Typical Applications:

Material typically 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 install not recommended.

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

Characteristic	Spec	Comments
General		
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" up to 4"	Designated as 3" flex material, is capable of lining pipe up to 4"
Resins		
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
Install Design		
Maximum Depth of Install (ft)	Fully Det. 3" – 10 ft 4" – 5 ft Partially Det. 3" – 26 ft 4" – 11 ft	If install expected to exceed recommendation, product may still work however requires PLI approval prior to installation.
Can be used across Transitions?	Smooth – 11 ft Blunt End – 3ft	Caution is warranted, material may thin in certain transitions. Contact PLI representative to discuss specific application.
Remote Start Allowed?	YES	Tab cal tube to liner using tabbing adhesive HH-66 . 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. Contact PLI representative to discuss specific application.
Resin per FT	Varies by size, resin type	Epoxy Resins: 3" – .55 lbs/FT, 4" – .75 lbs/FT Contact PLI representative for Poly Vinyl Ester values.
Installation		
Wet Out Gap Setting	4.5 mm	When using the WRT Wet Out Roller System **DO NOT USE FLOOR ROLLER FOR RISK OF RESIN SHY FINAL PRODUCT**
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. Contact PLI representative to discuss specific application.

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

