

Product Name: UV Flex Liner (Inversion)

Product Description: Flexible fiberglass liner for use with LightRay technology

Typical Applications:

Use this material with WRT's LightRay Inversion technology for CIPP repairs in as little as 6 minutes. Works well in systems with multiple 45° or 90° bends as well as transitions. Materials flexibility allows for ease of inversion as well as molding to the host pipe and leaving little to no void.

Performance Limits

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

Characteristic	Spec	Comments
General		
Typical dry Thickness (mm)	4 – 5 mm	
Typical finished Thickness (mm)	2.8 – 3.5 mm	Depends on installation pressures, pipe diameter, and number of bends (45° & 90°)
Sizes available (in.)	3, 4, 6	
Coating	TPU	
Resins		
Light Ray UV Vinyl Ester	YES	Product comes pre-wet with this resin. **May work with other resins but Warranties are void**
Install Design		
Maximum Depth of Install (ft)	3" → 80' 4" → 40' 6" → 16'	Depth assumes flooded conditions with fully deteriorated pipe and 10% ovality, if install expected to exceed recommended max depth, product may still work however requires PLI approval prior to installation.
Can be used across Transitions?	YES	Stretch must be accounted for when upsizing
Remote Start Allowed?	NO	
Install with Infiltration Allowed?	Situational	High INI situations may impact the structural integrity of any installed liner. Contact PLI representative to discuss specific application.
Resin per FT	Varies by size, resin type	Light Ray UV Resin: 3" – .37lbs/FT, 4" – .55lbs/FT, 6" – .85 lbs/FT
Installation		
Wet Out Gap Setting	9.8 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)	8-15	Depends on installation length, pipe diameter, and number of bends (45° & 90°)
Maximum Inversion Pressure (psi)	25	Pressures exceeding this limit run the risk of tearing the liner or excessive "thinning" around bends
Max Curing Pressures (psi)	25	Pressures exceeding this limit run the risk of tearing the liner or excessive "thinning" around bends
Stretch Factor (When transitioning UP in size)	-20%	
Suitable Host Pipe materials	Cast iron, ABS, PVC, Orangeburg, Clay	
Storage Guidelines		
<ul style="list-style-type: none"> • Until time of use, leave liner in the UV protective film • Do not expose to direct sunlight in storage • Ideal storage temperature not to exceed 85°F 		

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

