

STYRENE-FREE EXPAND-IN-PLACE STRUCTURAL LINER FOR SEWERS AND CULVERTS



NOVAFORM™
PVC LINER

INTRODUCING NovaForm™ PVC LINER FOR SEWER AND CULVERT REHABILITATION

- 6" to 30" diameters (150mm to 750mm)
- Factory-made, quality-controlled and tested to stringent ASTM standards
- No environmental impact


IPEX
by aliaxis

We build tough products for tough environments®



NOVAFORM™

PVC LINER

A Styrene-Free Expand-in-Place Structural Liner for Sewers and Culverts

NovaForm™, a PVC-based structural liner from IPEX, allows municipalities to repair their failing infrastructure while respecting the environment. With NovaForm, capturing and treating contaminated curing liquid is a thing of the past. As an engineered thermoplastic, NovaForm is installed using steam, and the only jobsite discharge is water.

A Fully Structural Liner

NovaForm combines long-term strength with flexibility – which allows it to handle some of the most challenging conditions. NovaForm may be suitable for installation depths of up to 30 feet according to the ASTM F1216 calculation for a fully deteriorated host pipe condition.

INSPECTION MADE EASY

Factory made to stringent ASTM Standards, NovaForm leaves the facilities fully manufactured, with rigorous QA/QC procedures completed prior to shipping. This allows inspectors to verify the final properties of the liner before it is installed, rather than cut out coupons for post installation testing as is required for CIPP. Jobsite inspection is simplified as once the liner is expanded its dimensions are similar to sewer or low-pressure PVC pipe – but with no joints.

FAST INSTALLATION + QUICK REINSTATEMENT = MINIMAL DISRUPTION

Once NovaForm has been expanded and cooled, it is ready for service. Laterals can be quickly reinstated robotically, and the line can be placed back into service the same day – often only four or five hours from start to finish.



A SOLUTION FOR EVERY JOB

From corroded sanitary sewers to deteriorated corrugated steel pipes in need of structural repair, NovaForm™ PVC Liner is available in sizes 6" to 30".

CONSISTENT PRODUCT

NovaForm™ PVC Liner is manufactured in strict accordance with the ASTM F1504 standard and is third-party certified by CSA and BNQ. These measures ensure a consistent final product for the contractor and the end user.

ASTM F1504 Testing Includes

- Pipe Diameters (ASTM D 2122)
- Wall Thickness (ASTM D 2122)
- Pipe Flattening
- Pipe Impact Resistance (ASTM D 2444)
- Pipe Stiffness (ASTM D 2412)
- Flexural Properties (ASTM D 790)
- Extrusion Quality
 - Acetone Immersion (ASTM D 2152)
 - Heat Reversion (ASTM F1057)

MULTIPLE TRENCHLESS BENEFITS

NovaForm Liner offers many benefits including time savings, less disruption to local businesses and traffic, and potential cost savings.

NovaForm™ APPLICATIONS

- Sewer Rehabilitation
- Culvert Rehabilitation





AVAILABLE IN A WIDE RANGE OF SIZES

FLATTENED AND COILED

Size Range	Standard
6" – 12"	ASTM F1504

H-SHAPED AND COILED

Size Range	Standard
15" – 30"	ASTM F1504*

REEL SIZES AND LENGTHS

Nominal Pipe Size		Maximum Lengths on Different Reel Sizes (ft)		
in	mm	8' Tall x 4' Wide	8' Tall x 6' Wide	8' Tall x 8' Wide
6	150	1,350	–	–
8	200	950	–	–
10	250	550	–	–
12	300	420	–	–
15	350	400	660	940
18	450	220	490	780
24	600	150	260	450
30	750	125	190	325

* Presently, the ASTM F1504 standard covers sizes only up to 15". However, our larger sizes comply with the tests and parameters mentioned therein.

THE IPEX ADVANTAGE: INTEGRATED TOTAL PVC SOLUTIONS



SEAMLESS END-TO-END SOLUTIONS

IPEX can provide an end-to-end solution that meets specifications, integrates seamlessly and is fully compatible with existing infrastructure.

A LEADER IN TRENCHLESS PVC SOLUTIONS

IPEX has been manufacturing PVC piping systems for more than 60 years and developing trenchless PVC solutions for the past 20 years, including:

TerraBrute™ CR

- AWWA C900 PVC Pressure Pipe for HDD Applications
- Ring-and-Pin Gasketed Joint Design
- 4" to 12"

SceptaCon™

- PVC Electrical Raceway for HDD Applications
- Mechanical Gasketed Spline Locking Design
- 2" to 6"

IPEX Fusible™

- Fused PVC Pressure Piping System for HDD Applications
- CIOD & IPS Pipe Sizes
- 4" to 36"

SALES AND CUSTOMER SERVICE

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About the IPEX Group of Companies

As leading suppliers of thermoplastic piping systems, the IPEX Group of Companies provides our customers with some of the world's largest and most comprehensive product lines. All IPEX products are backed by more than 50 years of experience. With state-of-the-art manufacturing facilities and distribution centers across North America, we have established a reputation for product innovation, quality, end-user focus and performance.

Markets served by IPEX group products are:

- Municipal pressure and gravity piping systems
- Plumbing and mechanical piping systems
- Electrofusion systems for gas and water
- Industrial process piping systems
- Electrical systems
- Telecommunications and utility piping systems
- Irrigation systems
- Industrial, plumbing and electrical cements
- PVC, CPVC, ABS, PE, PEX, PVCO, PP and PVDF pipe and fittings (1/2" to 60")

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