

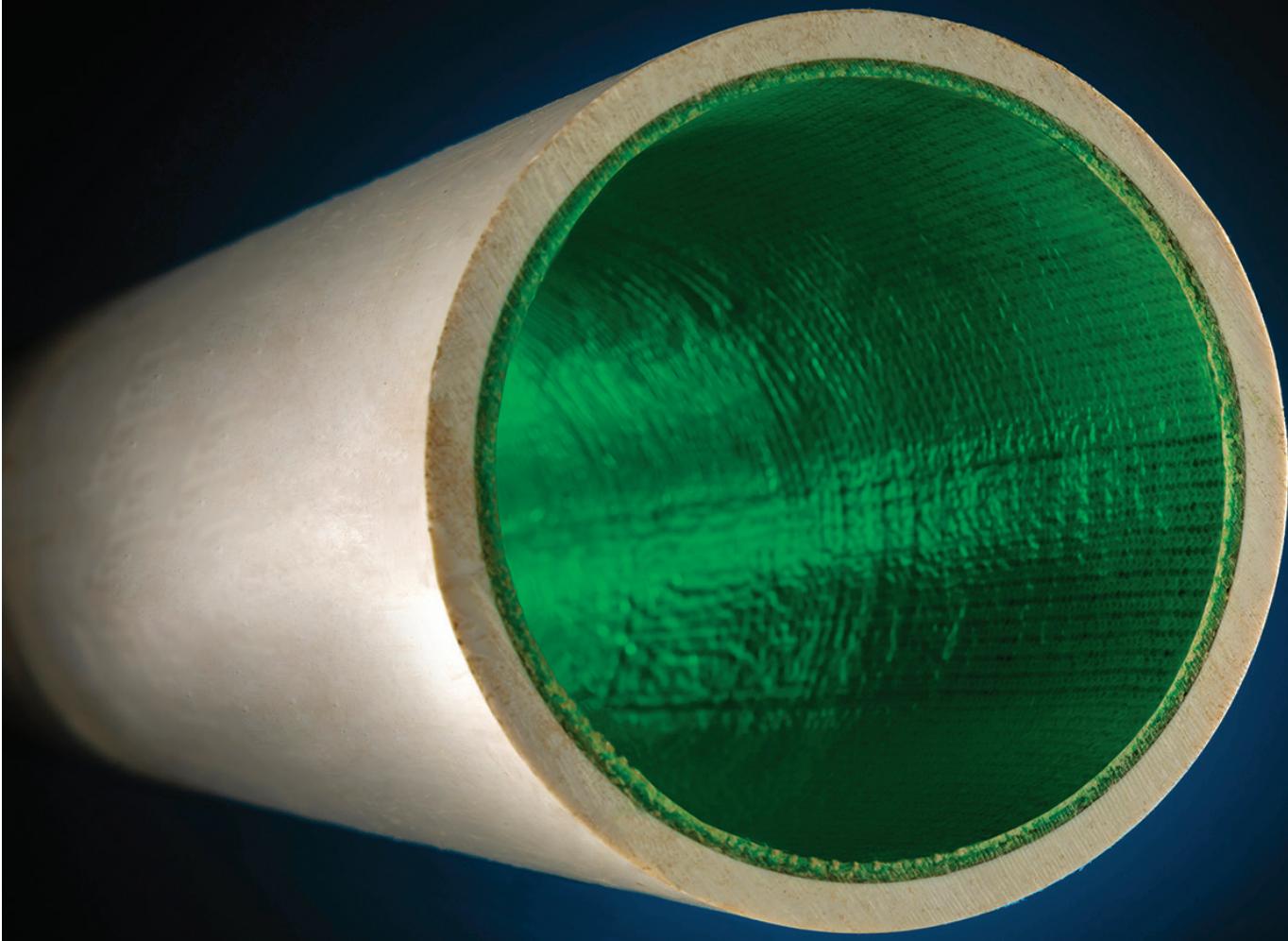


QUAD-CURE[®] CIPP LINING SYSTEM

RESIN & LINER SOLUTIONS FOR
MUNICIPAL, COMMERCIAL & INDUSTRIAL
PIPE RELINING APPLICATIONS

- **QUAD-CURE[®] RESINS**
- **QUAD-CURE[®] LINERS**
- **Drums**
- **Lining Equipment**



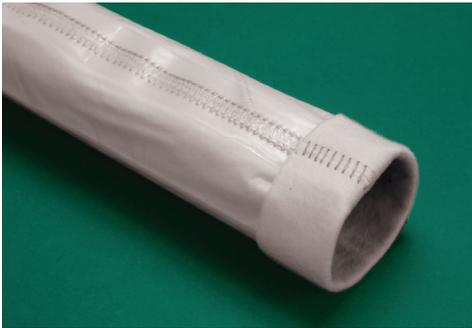


Look to Quadex[®] for a Complete System for CIPP Rehabilitation.

Source One Environmental presents the Quadex[®] family of specialty resins for a complete range of Cured-In-Place Pipe (CIPP) applications. As a proven trenchless method, CIPP continues to improve in performance, quality and versatility as both liner and resin technology are constantly raising the bar for this highly effective system of rehabilitation. Quadex, a Vortex Company, is a leading developer, formulator and manufacturer of proven infrastructure repair products for a broad range of water and sewer rehabilitation applications.



QUAD-CURE® CIPP LINING SYSTEM



Quad-Cure® Liner | Standard Tube

Non-woven, needle punched polyester fiber capable of navigating sweeping bends. Diameter Range: 3" and greater diameter pipes | Performance Features: Best for open-ended (blind shots), navigates sweeping bends up to 90°.

SIE PART NUMBER	SIZE	PRICE / LF
S1E-QC-Standard4-330	4" x 3mm	CALL FOR PRICING
S1E-QC-Standard4x4.5-330	4" x 4.5mm	
S1E-QC-Standard6-330	6" x 3mm	
S1E-QC-Standard6x4.5-330	6" x 4.5mm	



Quad-Cure® Liner FlexiLiner | 45

Non-woven needle punched PE felt liner with impermeable PVC coating. Diameter Range: 3"-6" | Performance Features: 35% extension for 45° bends.

SIE PART NUMBER	SIZE	PRICE / LF
S1E-QC-Flexi45-4x3-330	4" x 3mm	CALL FOR PRICING
S1E-QC-Flexi45-6x3-330	6" x 3mm	



Quad-Cure® Liner Flexi 4D

Non-woven, needle punched PE felt liner with an impermeable polyurethane coating. Diameter Range: 4" (will stretch up to 6"), larger sizes available | Performance Features: of changing circumferences up to 4 diameters (4D), navigates bends up to 90°.

SIE PART NUMBER	SIZE	PRICE / LF
S1E-QC-Flexi-4D-4-330	4" x 4.5mm	CALL FOR PRICING
S1E-QC-Flexi-4D-6-330	6" x 4.5mm	



Quad-Cure® Liner | Scrim Reinforced

Non-woven, needle punched polyester fiber with a 100% continuous polyester filament scrim to limit longitudinal stretch. Polyurethane coated. Diameter Range: 3" or greater pipes | Performance Features: Excellent for long, straight shots.

SIE PART NUMBER	SIZE	PRICE / LF
S1E-QC-Liner3-330	3" x 3mm ST	CALL FOR PRICING
S1E-QC-Liner4-330	4" x 3mm ST	
S1E-QC-Liner6-330	6" x 3mm ST	
S1E-QC-Liner8-330	8" x 3mm ST	

QUAD-CURE® CIPP LINING SYSTEM



Quad-Cure® Liner FlexiLiner | 90

Highly flexible, single-layer liner, capable of navigating multiple bends up to 90° and transitions. Polyurethane coating. Non-woven, needle punched PE felt, uniquely bonded to an impermeable PU coating with special stitched seam. Diameter Range: 2" pipes and larger | Performance Features: Navigates transitions and multiple bends up to 90°.

S1E PART NUMBER	SIZE	PRICE / LF
S1E-QC-Flexi90-3x2-330	3" x 2mm	CALL FOR PRICING
S1E-QC-Flexi90-4x2-330	4" x 2mm	
S1E-QC-Flexi90-6x2-330	6" x 2mm	
S1E-QC-Flexi90-3x4.5-330	3" x 4.5mm	
S1E-QC-Flexi90-4x4.5-330	4" x 4.5mm	
S1E-QC-Flexi90-6x4.5-330	6" x 4.5mm	
S1E-QC-Flexi90-8x4.5-330	8" x 4.5mm	



Quad-Cure® Liner | Non-Woven

Non-woven, circular looped PE, uniquely bonded to a seamless, impermeable polyurethane coating. Diameter Range: 2"-8" | Performance Features: Extremely flexible, ideal for pipes with multiple bends, navigates bends up to 90° with minimal wrinkles.

S1E PART NUMBER	SIZE	PRICE / LF
S1E-QC-NW-Liner2-330	2" x 3.5mm	CALL FOR PRICING
S1E-QC-NW-Liner3-330	3" x 4.5mm	
S1E-QC-NW-Liner4-330	4" x 4.5mm	
S1E-QC-NW-Liner6-330	6" x 4.5mm	
S1E-QC-NW-Liner8-330	8" x 4.5mm	



Quad-Cure® Liner CalTube | HF PVC

Ultra-flexible, light duty PE fabric with PVC coating and a High Frequency welded overlap seam. Color: Yellow | Diameter Range: 2"-6" | Performance Features: For use in Open-End liner (Blind-Shot) and Pull-In-Place applications.

S1E PART NUMBER	SIZE	PRICE / LF
S1E-QC-Yellow2-328	2"	CALL FOR PRICING
S1E-QC-Yellow3-328	3"	
S1E-QC-Yellow4-328	4"	
S1E-QC-Yellow6-328	6"	



Quad-Cure® Liner CalTube | Stitched

Flexible tube designed to provide excellent resistance against tearing and higher temperature resistance for heat-cured installation. Color: Clear | Diameter Range: 4" and greater diameter pipes | Performance Features: For use in Open-End liner (Blind-Shot) and Pull-In-Place applications.

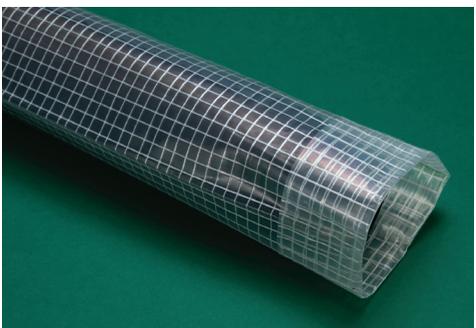
S1E PART NUMBER	SIZE	PRICE / LF
S1E-QC-Clear4-328	4"	CALL FOR PRICING
S1E-QC-Clear6-328	6"	
S1E-QC-Clear8-328	8"	
S1E-QC-Clear10-328	10"	
S1E-QC-Clear12-328	12"	



Quad-Cure® Liner CalTube | Stitched

Flexible tube designed for excellent tear and higher temperature resistance, for heat-cured installation. Color: Orange | Diameter Range: 4" and greater | Performance Features: For use in Open-End liner (Blind-Shot) and Pull-In-Place applications.

S1E PART NUMBER	SIZE	PRICE / LF
S1E-QC-Orange4-328	4"	CALL FOR PRICING
S1E-QC-Orange6-328	6"	
S1E-QC-Orange8-328	8"	
S1E-QC-Orange10-328	10"	
S1E-QC-Orange12-328	12"	



Quad-Cure® Liner | PreLiner Hose

3-ply laminate tube combining two layers of linear LDPE and a high strength cord grid. Color: Clear | Diameter Range: 4" and greater | Performance Features: Specially engineered to provide high strength and durability in a lightweight material.

S1E PART NUMBER	SIZE	PRICE / LF
S1E-QC-PreLiner4-330	4"	CALL FOR PRICING
S1E-QC-PreLiner6-330	6"	
S1E-QC-PreLiner8-330	8"	

Quad-Cure[®] Resin Systems

Quad-Cure[®]

STANDARD

PRODUCT	DESCRIPTION	MIX RATIO	POT LIFE	WORK TIME
S1E-QC_4115	Epoxy	4 to 1	15 minutes	30 minutes
S1E-QC-4130	Epoxy	4 to 1	30 minutes	1 hour
S1E-QC-4160	Epoxy	4 to 1	60 minutes	2 hours
S1E-QC-3120	Epoxy	3 to 1	20 minutes	35 minutes
S1E-QC-3145	Epoxy	3 to 1	45 minutes	1 hour

Quad-Cure[®] LC

EXTENDED

PRODUCT	DESCRIPTION	MIX RATIO	POT LIFE	WORK TIME
S1E-QC-LC8	Epoxy	2 to 1	8 hours	N/A
S1E-QC-LC30	Epoxy	6.6 to 1	30 hours	N/A

Quad-Cure[®] UV

ENVIRONMENTAL

PRODUCT	DESCRIPTION	MIX RATIO	POT LIFE	WORK TIME
ULTRA-VIOLET: S1E-QUAD-CURE40	Methacrylate	N/A	N/A	N/A



S1E Lining Composite Drums

Source One Environmental (S1E) offers inversion drums in various sizes depending on the use in the pipe diameters to be renovated. Thus easy, trenchless renovation via cleaning holes, manholes and all known pipe openings is possible. All S1E inversion drums are made of composite material or stainless steel in combination with high-quality container steel and guarantee high service life. Drums are suitable for hot and cold setting with water or air and are supplied with hot water circulation connections as standard.

PART NUMBER	SIZE	PRICE
S1E-600C	Holds 86 ft of 4"	CALL FOR PRICING
S1E-700C	Holds 121 ft of 4"	
S1E-950C	Holds 284 ft of 4"	



S1E-600C



S1E-950C



S1E-700C

S1E Lining Consumables

S1E offers CIPP lateral lining consumables for trenchless sewer rehabilitation for all lateral sized pipes. The inversion process utilizes a felt liner with an epoxy resin to provide a jointless repair, allowing installers to rehabilitate just a small portion of pipe or all unique design and lengths. Our materials can be cured with ambient temperatures, but S1E recommends hot water or steam cure. When complete, the lining system rehabilitates the entire sewer line and creates a structural barrier against exterior elements--all without the need for an excavation.

PART NUMBER	DESCRIPTION	PRICING
S1E-WETOUT9M	S1E Manual Wetout Rollers. 9" roller. 57 lbs.	CALL FOR PRICING
S1E-HOTBOX	S1E Diesel HotBox. 9 gallons per minute internal pump. 300,000 BTU output.	
S1E-HOTBOX HOSE SET	S1E HotBox Hoses. Two 14 Ft. hoses and One 7 Ft. hose. Both with 1" Storz.	
S1E-STORZ-KEY-6	Storz-Key For 4"-6"	
S1E-STORZ-KEY-8	Storz-Key For 8"	
S1E-RECIRC	Lay-Flat Recirculation Hose - 164Ft.	
S1E-PULLTAPE	2500 Lb. 3/4" Polyester Pull Tape 1000 Ft.	
Nozzles	2", 3", 4", 5", 6", 8", 10" Available in - Straight Nozzle - 45° Nozzle - 90° Nozzle	



45° and 90° Nozzles



Straight Nozzle



Hot Box



Wet Out Roller



Storz Key



Hose Set



Recirc Hose



Pull Tape

Lateral Lining Trial Program

At Source One Environmental (S1E), our goal is to provide innovative solutions in the water management and infrastructure rehabilitation markets. Our products are only a portion of the equation – the ability to offer proactive solutions for our customers and provide adequate training is what S1E ultimately strives for..

In House Demo - No Charge

Designed for individuals that have limited or no lateral lining experience.

1 day In House classroom training and demonstration of equipment and materials. Source One Environmental will provide all consumables and equipment for demonstration, along with meals. Accommodations (travel fees, lodging, etc.) will be responsibility of the customer.

In Field Demo

Designed for individuals with basic to moderate lateral lining experience.

In Field Demo with an S1E technician covering everything from equipment to installation techniques. This demonstration provides the ability for customers to see the consumables and equipment used in live applications.

Pricing

\$2,200 – includes 50 ft. of consumables

Additional \$700.00 for 51-100 ft.

Travel fee of \$150.00 / day (includes meals, mileage, hotel)

Day of return - \$75.00

*Customers are responsible for the shipping of consumables and equipment. A pre-trip report, signed agreement, signed waiver, and payment MUST be completed prior to training date. If equipment is purchased during the training, the training fee will be rolled into the cost of equipment.



Quad-Cure[®]

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