

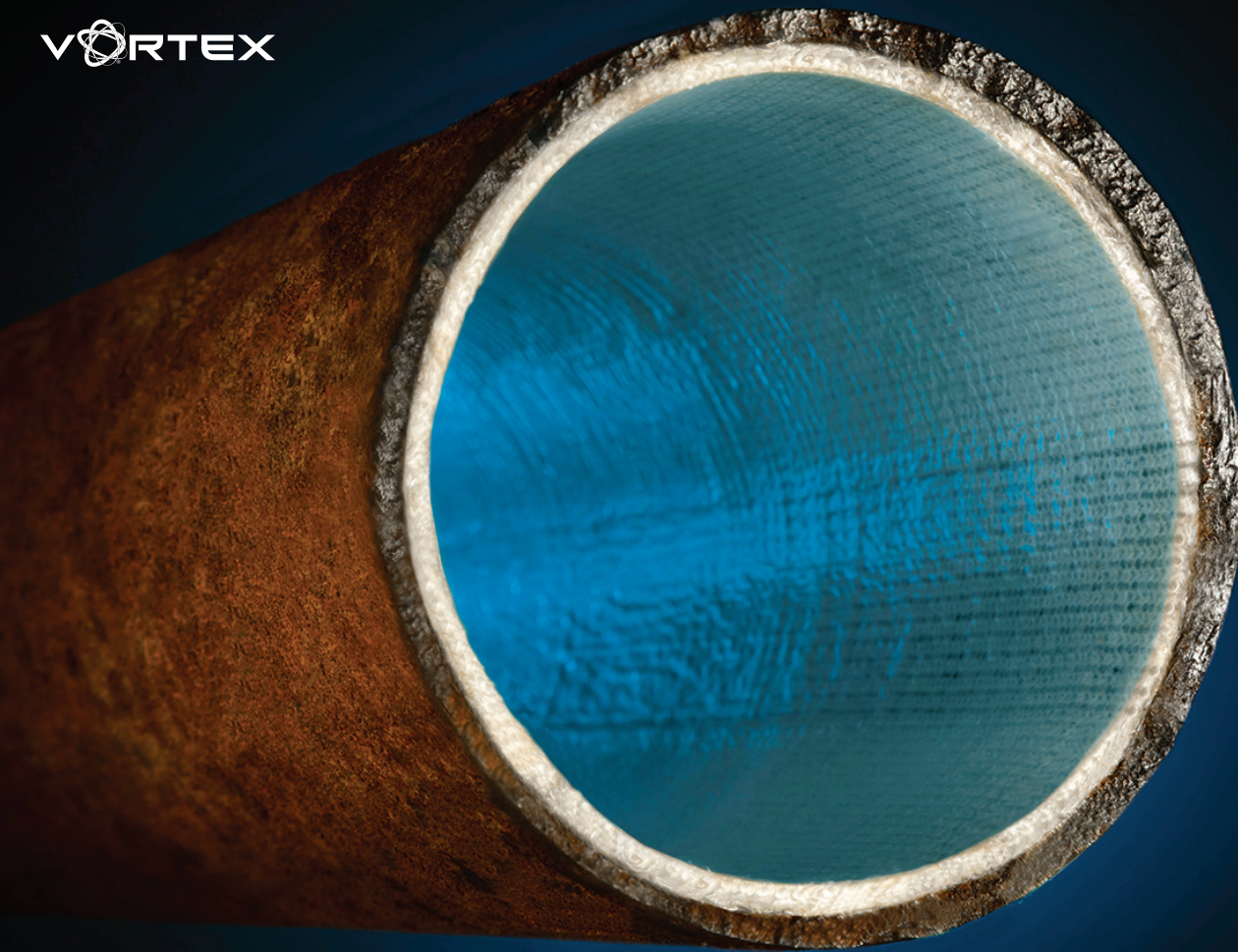


QUAD-CURE® CIPP LINING SYSTEM

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

- QUAD-CURE® LINERS
- QUAD-CURE® RESINS

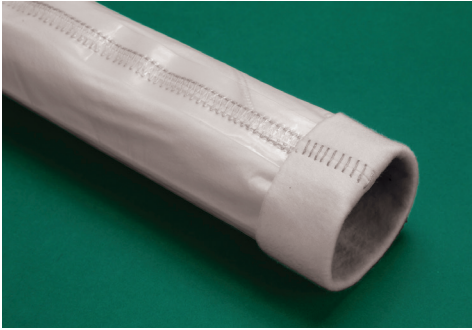




Look to Quadex® for a Complete System for CIPP Rehabilitation.

Quadex, LLC, a division of the Vortex Companies, formulates and manufactures a family of specialty resins and liner tubes for Cured-In-Place Pipe (CIPP) applications. As a proven trenchless method, CIPP continues to improve in performance, quality and versatility in applications. When it comes the choice of materials to match your rehabilitation needs, Quadex's liner and resin technology has raised the bar in both performance and selection.





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°.

QUADEX PART NUMBER	SIZE	PRICE / LF
QCLNRTB-040-030-03-01	4" x 3mm	CALL FOR PRICING
QCLNRTB-040-045-03-01	4" x 4.5mm	
QCLNRTB-060-030-03-01	6" x 3mm	
QCLNRTB-060-045-03-01	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.

QUADEX PART NUMBER	SIZE	PRICE / LF
QC FLEXIL-040-030-02-01	4" x 3mm	CALL FOR PRICING
QC FLEXIL-060-030-02-01	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°.

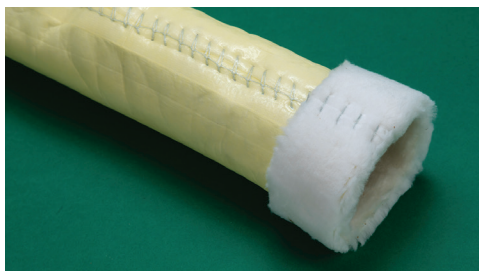
QUADEX PART NUMBER	SIZE	PRICE / LF
QC FLXI 4D-406-000-01-02	4" x 4.5mm	CALL FOR PRICING
QC FLXI 4D-608-000-01-02	6" x 4.5mm	



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.

QUADEX PART NUMBER	SIZE	PRICE / LF
QC LTUBR-030-030-01-01	3" x 3mm ST	CALL FOR PRICING
QC LTUBR-040-030-01-01	4" x 3mm ST	
QC LTUBR-050-030-01-01	5" x 3mm ST	
QC LTUBR-060-030-01-01	6" x 3mm ST	
QC LTUBR-080-030-01-01	8" x 3mm ST	



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°.

QUADEX PART NUMBER	SIZE	PRICE / LF
QC FLXID-020-020-01-01	2" x 2mm	CALL FOR PRICING
QC FLXID-030-020-01-01	3" x 2mm	
QC FLXID-040-020-01-01	4" x 2mm	
QC FLXID-050-020-01-01	5" x 2mm	
QC FLXID-060-020-01-01	6" x 2mm	
QC FLXID-030-045-01-01	3" x 4.5mm	
QC FLXID-040-045-01-01	4" x 4.5mm	
QC FLXID-050-045-01-01	5" x 4.5mm	
QC FLXID-060-045-01-01	6" x 4.5mm	
QC FLXID-080-045-01-01	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.

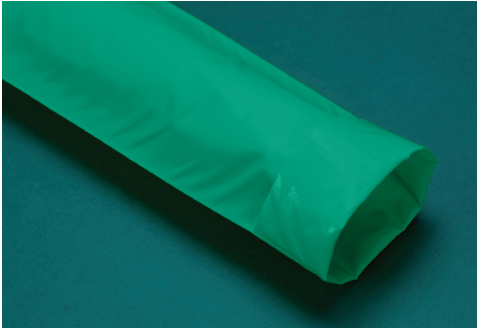
QUADEX PART NUMBER	SIZE	PRICE / LF
QC NWOV-020-035-01-04	2" x 3.5mm	CALL FOR PRICING
QC NWOV-030-045-01-04	3" x 4.5mm	
QC NWOV-040-045-01-04	4" x 4.5mm	
QC NWOV-050-045-01-04	5" x 4.5mm	
QC NWOV-060-045-01-04	6" x 4.5mm	
QC NWOV-080-045-01-04	8" x 4.5mm	



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.

QUADEX PART NUMBER	SIZE	PRICE / LF
QC CALHF-020-100-02-03	2"	CALL FOR PRICING
QC CALHF-030-100-02-03	3"	
QC CALHF-040-100-02-03	4"	
QC CALHF-050-100-02-03	5"	
QC CALHF-060-100-02-03	6"	



Quad-Cure® Liner CalTube | Ultralight

Very flexible, light-weight PE fabric with PVC coating and specially fused with an overlapped, taped joint. Color: Green | Diameter Range: 2"-6" diameter pipes | Performance Features: For use in Open-End liner (Blind-Shot) and Pull-In-Place applications.

QUADEX PART NUMBER	SIZE	PRICE / LF
QC CAFSL-040-100-02-03	4"	CALL FOR PRICING
QC CAFSL-050-100-02-03	5"	
QC CAFSL-060-100-02-03	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.

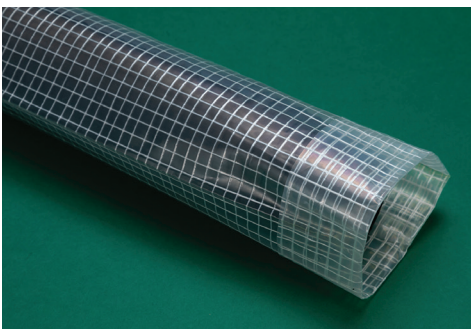
QUADEX PART NUMBER	SIZE	PRICE / LF
QC CALSC-040-100-02-01	4"	CALL FOR PRICING
QC CALSC-050-100-02-01	5"	
QC CALSC-060-100-02-01	6"	
QC CALSC-080-100-02-01	8"	
QC CALSC-100-100-02-01	10"	
QC CALSC-120-100-02-01	12"	



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.

QUADEX PART NUMBER	SIZE	PRICE / LF
QC CALSO-040-100-02-01	4"	CALL FOR PRICING
QC CALSO-050-100-02-01	5"	
QC CALSO-060-100-02-01	6"	
QC CALSO-080-100-02-01	8"	
QC CALSO-100-100-02-01	10"	
QC CALSO-120-100-02-01	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.

QUADEX PART NUMBER	SIZE	PRICE / LF
QC PRELN-040-100-00-05	4"	CALL FOR PRICING
QC PRELN-050-100-00-05	5"	
QC PRELN-060-100-00-05	6"	
QC PRELN-080-100-00-05	8"	

Quad-Cure® Resin Systems



STANDARD

PRODUCT	DESCRIPTION	MIX RATIO	POT LIFE	WORK TIME
Quad-Cure® 4115	Epoxy	4 to 1	15 minutes	30 minutes
Quad-Cure® 4130	Epoxy	4 to 1	30 minutes	1 hour
Quad-Cure® 4160	Epoxy	4 to 1	60 minutes	2 hours
Quad-Cure® 3120	Epoxy	3 to 1	20 minutes	35 minutes
Quad-Cure® 3145	Epoxy	3 to 1	45 minutes	1 hour



EXTENDED

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



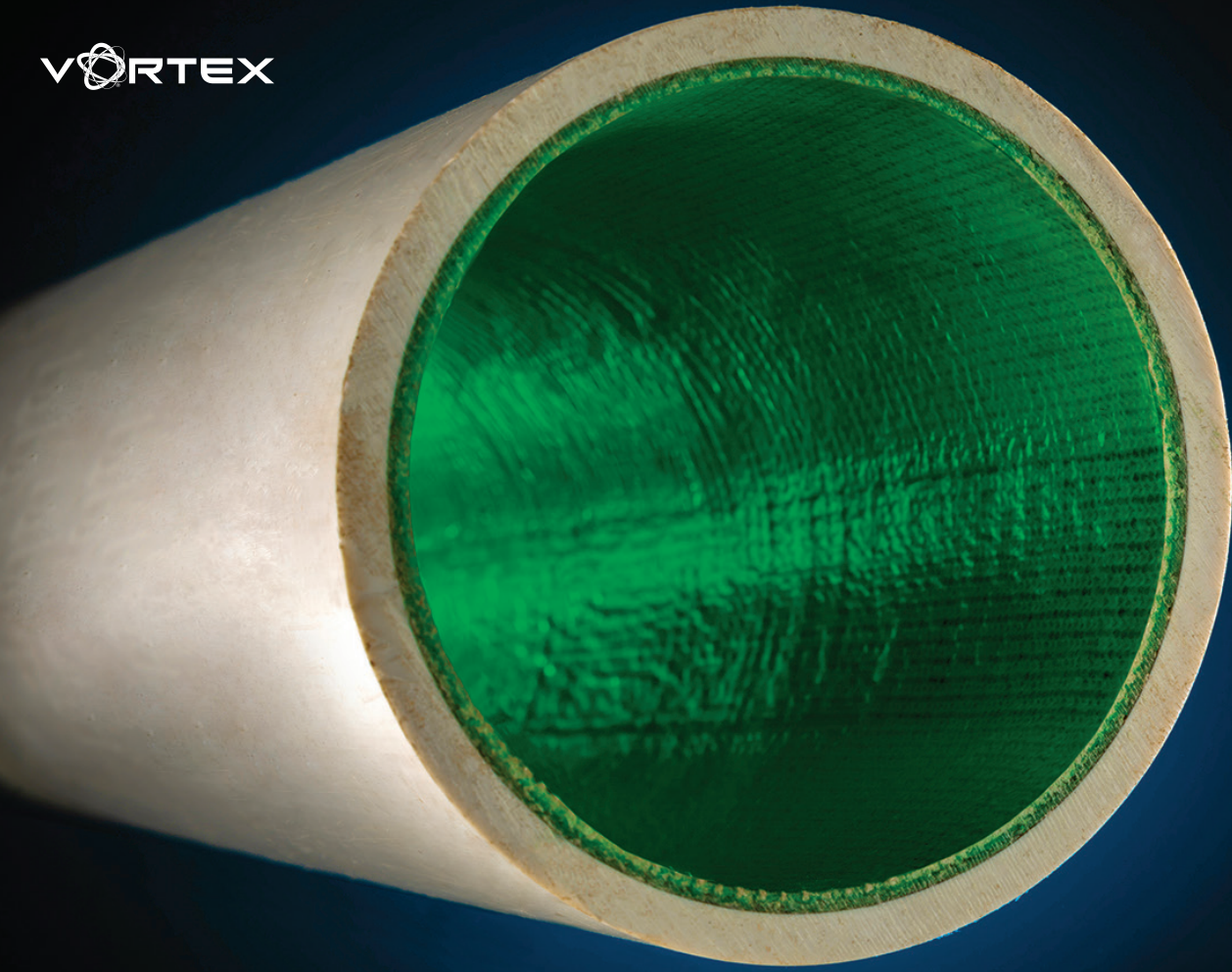
ENVIRONMENTAL

PRODUCT	DESCRIPTION	MIX RATIO	POT LIFE	WORK TIME
ULTRA-VIOLET: Quad-Cure® UV	Methacrylate	N/A	N/A	N/A



QUICK

PRODUCT	DESCRIPTION	MIX RATIO	POT LIFE	CURE TIME
Quad-Cure® SF	Silicate	2 to 1	8 minutes	35-40 minutes @ 60°F
Quad-Cure® SM	Silicate	2 to 1	20 minutes	60-105 minutes @ 60°F
Quad-Cure® SS	Silicate	2 to 1	30 minutes	180-240 minutes @ 60°F



Look to Quadax for Custom Formulated Resins and A Full Range of CIPP Liners to Renew Your Sewer Mains and Laterals.

Quadax continues to outpace the industry with its **broad range of advanced repair materials** for municipal, industrial and commercial sectors. In addition the Quad-Cure® line of products, Quadax also manufactures geopolymers, hybrid cements, epoxies, patching materials and foam grouts to round out its infrastructure repair materials product line.





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