



CPD

CUSTOM POLYMER DESIGNS

Cured in Place Pipe Guide

Custom Polymer Designs (CPD)

About us

CPD has been manufacturing epoxy resin systems for the use in Cured in Place Pipe applications for over 10 years. We have been in the business of manufacturing specialty epoxy products for 25 years, first under the brand name Epoxical Inc. and now under several brand names including CPD.

This is a comprehensive list of our Cured in Place Pipe offerings. We specialize in private labeling these products for our customers in 5 gallon kits or larger for re-sale.

Our Three Uniques

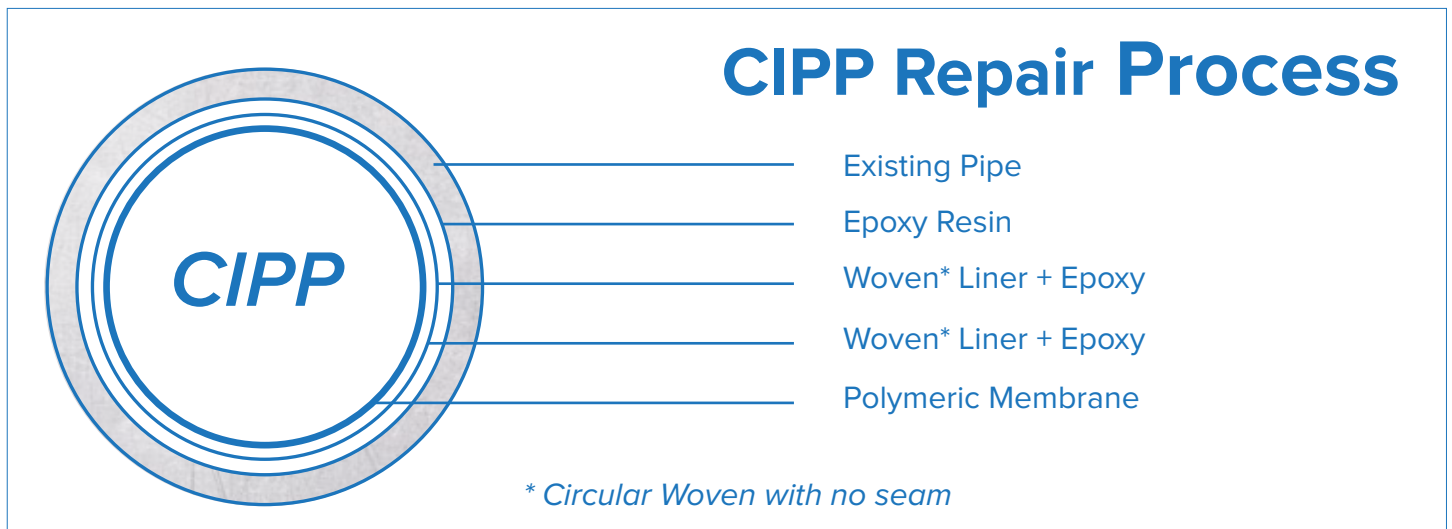
1. We care about the Success of our Customers
2. Hands-on Customer Service and Technical Support
3. In-House Manufacturing

About Cured in Place Pipe

Cured in place pipe is a method for repairing lateral pipe lines from buildings to the street without tearing the entire pipe-line out, which is why this method is considered a trench less or “no dig” technology. Typically, a resin saturated felt liner is inserted in the damaged area of the pipe, inverted using water or air pressure and cured, either at ambient temperatures or by adding hot steam to speed up the cure time. Our Epoxy CIPP products have distinct advantages for use in the field by plumbers and drain cleaning professionals.

Advantages of CPD CIPP Products:

- One Resin with hardener options at different speeds which makes field work simpler, just choose your hardener speed and go.
- No strong odor like styrene based CIPP products which means CPD CIPP products can be used for pipe rehabilitation while a building is still occupied.
- All products will cure without the addition of UV light or additional heat at standard below ground temperatures, however if a faster cure time is needed hot steam can be applied as well.



CIPP Systems

Cured-In-Place-Pipe Epoxy Resin Systems

4 to 1 mix ratio by volume

Resin	Hardener	Mix Ratio (by Volume)	Gel Time (150 grams at 77°F)
CPD 4210A	9302B	4 to 1	12-15 minutes
	9303B	4 to 1	30-35 minutes
	9308B	4 to 1	50-60 minutes
	9306B	4 to 1	120-140 minutes

2 to 1 mix ratio by volume

Resin	Hardener	Mix Ratio (by Volume)	Gel Time (150 grams at 77°F)
CPD 4210A	9392B	2 to 1	20-25 minutes
	4232B	2 to 1	25-30 minutes
	9391B	2 to 1	50-70 minutes

Advantages of working with CPD for your CIPP Product Needs:

- Both 4 to 1 and 2 to 1 by volume mix ratio products so you can use or market a product with the easy to use mix ratio most familiar to you.

- As a specialty epoxy manufacturer we can provide unique products like our chemically-resistant CPD 4243B hardener that can be used in chemical pipeline applications that are exposed to sulfuric acid in addition to standard water & sewer pipelines.

- We provide design and private labeling services in-house so you can promote your brand while letting us manage technical compliance and manufacturing services.

Product Highlights: 4232B

CPD 4210A with 4232B is a chemically resistant product that can withstand exposure to sulfuric acid. It was developed for a customer who needed resistance to sulfuric acid and other chemicals that were compromising their piping. If you have a unique application in mind for cured-in-place piping we can work with you to provide a product that supports your individual needs.



About CPD & Polytek

Vast Library of Products and Custom Formulations

CPD (Custom Polymer Designs) has been custom formulating and manufacturing epoxy resin systems for over 25 years. We in-house manufacture our products so we can keep up with your changing needs. You can expect that you will get not only an excellent epoxy system from us, but also excellent technical and customer service. This is a sampling of our most popular products for infrastructure repair, if you do not see exactly what you are looking for please call us so we help you find something in our vast library of product formulas. You can trust us with your because we care about the success of our customers.

Private Labeling

Start, grow and sell your own private-labeled brand of epoxy, silicone, urethane or latex products. We provide materials in bulk or as finished goods, depending on your needs. We have a vast library of existing products for you to choose from and can customize to your needs. We also offer in-house design services for labels or can your artwork.

If you are interested in a quote or want to learn more please visit www.private-label.polytek.com.



About Polytek

Started in 1984, Polytek Development Corporation, is a leading manufacturer of specialty polymers including, polyurethane elastomers, casting resins, silicones, epoxies and latex systems.

Polytek's collective mission is to design and manufacture the highest-performance line of liquid rubbers and related casting products and to provide our customers with unmatched, industry-setting technical support and customer service. In doing so, we are committed to helping our customers realize the greatest value from the use of our products and resources.



In the end, our success is defined by yours.



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