

Valencia Pipe Company

Fusion Bonded Epoxy Coated (FBEC) Wrapped Pipe.

VPC GREEN Wrapped Iron Pipe has a 2500 psi rating. Ideal use in underground systems.

- Iron Pipe construction
- For use where systems will not exceed 230°F
- Can be buried
- 2500 psi rating
- For use with natural gas or liquid propane. Always check local codes prior to purchase. This is black iron pipe, schedule 40, ASTM A53 complaint.
- Threaded both ends.
- Coated with VitraFuse Fusion Bonded Epoxy Powder Coat.

This Fusion Bonded Epoxy Coating protects the iron pipe from rust and corrosion. If the coating becomes damaged, it must be repaired prior to burial.

Damage to the coating can result from rough handling during transport, installation, or cutting and threading of the pipe.

Prior to backfilling and burying the pipe, completely inspect its coating for damage.

Look for nicks, chips, scratches or wear marks. All locations of damaged coating must be repaired prior to backfilling.

Repair of the pipe's coating must be performed in accordance with the plumbing code in effect for the location of the installation. In the absence of specific code requirements for repair, follow the below procedure from Valencia Pipe Company.

To repair areas of damaged coating:

Use a third party listed Pipe Wrap Tape Adhesive Primer and a 1-2 inch wide 10 mil or thicker third party listed Anti-Corrosion Pipe Wrap tape.

Clean and dry the surface of the pipe where the repair is needed and according to the directions of the primer manufacturer. Clean an area of at least one inch greater than the size of the damaged area. This will ensure that the damaged area will be completely cleaned, primed and covered with tape.

After the damaged area is completely clean, apply the primer following the directions of the primer manufacturer.

Then, spirally wrap the tape with 50% overlap around the damaged area of the pipe. Be sure to apply the tape in a tight manner to avoid air bubbles. You need to wrap the tape around the pipe in multiple layers in order to achieve a minimum of 40 mil thickness. If you are using 10 mil thick tape, this will require 4 wraps around the pipe. If you are using 20 mil thick tape, this will require 2 wraps around the pipe, etc. It is recommended to continue the primer and wrap protection over the fittings to ensure a complete anti-corrosion protection system.