## Patching Schedule 40 ½" PVC Pipe, version 1.0

## By R. G. Sparber

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Warning: only use this for irrigation pipes, not inside your home.



I seem to be extremely skilled at finding buried PVC pipe with the end of my shovel. By the time I realize I have hit the pipe, a gash has opened up and water is flowing out. Do I really have to cut out the section and wrestle in two couplers plus a short piece of pipe? This requires me to enlarge the hole to expose more of the pipe. The job just keeps getting bigger!

Rather than cut out the pipe, I can now apply a patch assuming the gash isn't too big.

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I start with a length of <sup>3</sup>/<sub>4</sub>" Schedule 40 PVC pipe. Cut off about 2" of it and then cut it in half longitudinally.



The patch's inside radius is a little bit smaller than the OD of the ½" pipe. Fortunately, plastic bends and the PVC cement sets up quickly.

Coat all surfaces with primer and then PVC cement. Apply the patch and hold for 30 seconds. I wait 2 hours before applying pressure.



I welcome your comments and questions.

If you wish to be contacted each time I publish an article, email me with just "Article Alias" in the subject line.

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