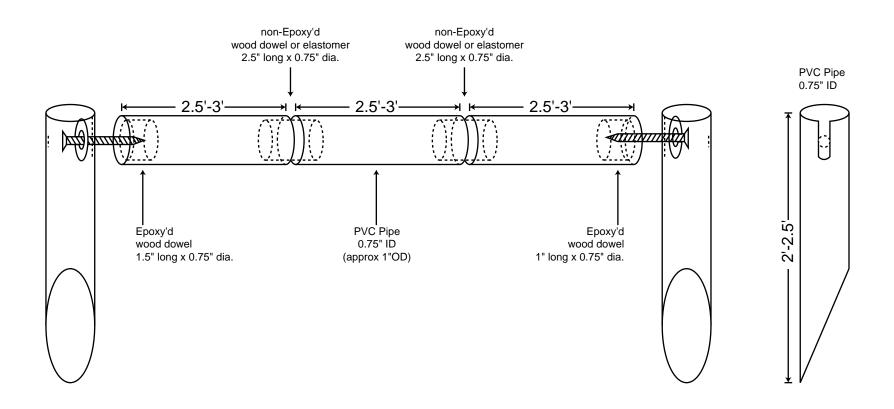


PORTABLE HURDLE DESIGN v1.0



- 1. Cut 3 sections of 0.75 ID PVC pipe at 2.5'-3' for barrier crossbar.
- 2. Cut 1 section of pipe at 4'-5' for stakes. Cut at a sharp angle in the midpoint to form sharp "stake" point.
- 3. Cut 3" slots in top of stake. This is where the deck screw/washer will rest.
- 4. Drill a 1/4" hole opposite the slot. This is where you'll insert your screwdriver to tighten the screw/washer.
- 5. Drill a 1/16" hole through the center axis of each dowel for the deck screw.
- 6. Epoxy a 1.5" section of dowel into the ends of two of the crossbar sections. This is what you'll screw into.
- 7. Place the 2.5" sections of dowel to join the remaining PVC together. Should be a snug fit, but one that will give way if the hurdles are hit so the hurdles will survive. Use electrical tape to snug up the joints.
- 8. Travel to 'cross venue with 5 lengths of PVC.
- 9. Drive one stake into ground, partially assemble to gauge the distance, then drive the other stake in.
- 10. Place a large washer on a 4" deck screw and slide into slot on stakes, tighten into endplug dowels.
- 11. If hurdles are hit, they should fly apart and can be easily reassembled by the offender.
- 12. Pack up is the reverse process, travels easily. About 1lb per hurdle. 3 should fit easily into a courier bag.

Tools Required:

Hacksaw or other cutting implement

Drill with 1/4" drill bit

Dremel Moto-tool (optional)

Phillips screwdriver

Ingredients (per one hurdle):

- (2) 8' lengths of PVC tubing, 3/4" ID (approx 1" OD)
- (1) 12" of wood dowel, 3/4" OD
- (2) 4" deck screws
- (2) Washers
- **Epoxy**

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