



SolderPipe



PlantagoLabs

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Summary

A soldering spool and dispenser right on your soldering iron.

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[solderspoolholder](#)

Soldering is a many hands' job. Things to hold include:

- A soldering iron
- The PCB
- A component/tweezers
- Solder wire

That is usually at least one thing too many for creatures that have on average less than two hands. Thus I bring you a system to place the solder wire right on the soldering iron. It has a little spool to store the wire and a tube to bring the solder to the hot end. The solder wire is actuated using the index finger.

A solder wire can be slippery so use a latex/adherence finger glove thingy to help with adherence. You want that anyway if you are working with leaded solder.

This model require two small zip-ties to attache to your soldering iron. The pipe might need to be reworked to fit your soldering iron.

Remixes:

- For those that don't want the silly finger beanie and have some PTFE tubing to spare, check out these remixes from David McFarland: <https://www.printables.com/model/772901-solderpipe-ptfe-upgrade> / <https://www.printables.com/model/844396-adjustable-solderpipe-redux-for-one-handed-solderi>
- Another solution to easily feed the wire into the pipe, with a gear this time. It is still work in progress but it looks very promising. If interested, check out Niek's remix: <https://www.printables.com/model/838818-solderpipe-with-gear>
- Check out this alternate shape by David McFarland: <https://www.printables.com/model/839828-solderpipe-redux-for-one-handed-soldering>
- There is also this nice solution with a roll from sleepink: <https://www.printables.com/model/842296-solderpipe-without-glove>

Model files



single_pipe.stl



simple_pipe_holder.stl



spool_holder.stl



spool.stl



spool_clip.stl

spool_holder.fcstd

spool.fcstd

spool_clip.fcstd

single_pipe.fcstd

simple_pipe_holder.fcstd

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