



End Caps for 1/2 inch EMT Tube and 3/4 inch EMT Tube (v1.0)



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Summary

For using 1/2" or 3/4" EMT in projects such as the LowRider v3 CNC, the end caps protect against snags and scrapes (v1.0).

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Note: Several of my designs for my CNC plasma rig are available [here](#) for free.

For when using 1/2" EMT or 3/4" EMT (electrical conduit from home improvement stores) in projects such as the LowRider v3 CNC, these end caps protect against snags and scrapes.

Be aware that if you use a tubing cutter as I did (I use one similar to this: <https://amzn.to/3JwBwux>) it results in a sharp burr on the inside of the EMT tube. That causes two issues: (1) the burr is a risk for cutting someone, and (2) it reduces the inside diameter, which affects getting a tight fit when adding a cap like this. Both the sharpness and diameter

reduction can be helped some by use of a deburring tool (like this one I ordered: <https://amzn.to/4d8tMMF>). The possibility of a burr means that the odds are this part won't be a perfect fit without some scaling, which is why I say... This can be scaled a bit as needed in your slicer to get a tight fit. Mine fits tight just as it is. Also, a bit of painters tape around the stub can help tighten a loose fit.

Prints with no supports. PLA. Quick print. For me about 9 minutes each. Enjoy!

PS: photos show some of my [build progress on a CNC plasma cutting table based on LowRider v3 platform](#).

My PayPal tip jar: <https://paypal.me/design8studio>

Various LowRider 3 CNC remixes:

- **[LowRider 3 CNC Collection](#)**

View all my models and remixes on Printables:

- **[Design8Studio 3D models](#)**

*Amazon product links are affiliate links.

Model files



end-cap-for-12-inch-emt-tube.stl



end-cap-for-34-inch-emt-tube.stl

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