



## 60mm Exhaust Fan Adapter



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### Summary

Adapter for connecting 60mm DC fans to 2" flex hoses and mold for matching silicone gaskets.

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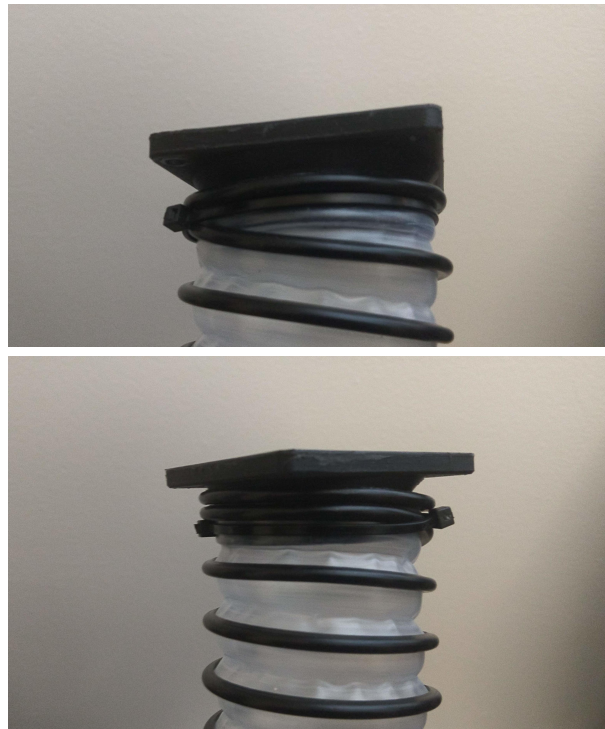
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"Well, I suppose the environment can take one more for the team." - Professor Hubert J. Farnsworth

Even if you have some activated carbon filtration it is still better to also vent to the outside in most cases. Thus, an adapter the 60mm fans on my filter exhaust. Additionally, I created mold for silicone gaskets. Totally optional, but I wanted to use some gaskets.

There are a few tricks to using the molds. The molds have tabs to index together with another mold or a lid. This allows you do clamp a stack of them together to batch out a set of gaskets. There are versions with and without small ports on the sides for silicone injection and letting silicone out so the mold closes completely. You'll need to tape over the ports so silicone doesn't leak out and they weren't very useful to begin with. For this reason I made a version with ports for reduced hassle.

I designed this adapter to fit snugly on a **2 inch flex hose** like those used for woodworking dust collection. Use two medium cable ties (2.6mm x 160mm) to secure the hose to the adapter.



Update 2022-10-31:

- Added 45 degree adapter - needs support material

## Model files



**exhaust\_hose\_adapter.stl**



**exhaust\_hose\_adapter\_45.stl**



**exhaust\_gasket\_mold\_ports.stl**



exhaust\_gasket\_mold\_no\_ports.stl



exhaust\_gasket\_mold\_lid.stl

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